How to Excel: AAMC Advisor Information System (AIS) for Advisors

December 13, 2023

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Agenda

01 Welcome and Introduction

02 2024 AMCAS Application Cycle and Fee Assistance Program Updates

03 Important Dates and Resources

04 2025 AMCAS Application Cycle Updates

05 Advisor Information System (AIS) Presentation

06 Questions and Answers

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2024 AMCAS Application Cycle and Fee Assistance Program Updates

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Fee Assistance Program

Fee Assistance Program Application Year	Approved Applications
Year 2023 *(as of December 13, 2023)*	14,729
Year 2022	15,081
Year 2021	12,933

The 2023 program application will close on December 15.

- **MCAT Exam Benefit**
  - Reduced registration fees
  - Access to all 15 online AAMC MCAT Official Prep Products
  - Stipend for updated evaluation for accommodations
- **AMCAS Application Benefit**
  - AMCAS application submission fee waiver for up to 20 schools
- **MSAR Benefit**
  - Complimentary access to the Medical School Admission Requirements (MSAR) website
- **AAMC PREview Benefit**
  - Waiver for AAMC PREview professional readiness exam registration fees
- **NEW: ERAS Application Benefit**
  - 60% fee discount on up to 50 applications

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2024 Cycle Opening: AY2024 – 2022 Comparison

		AY 2024 (As of 12/11/2023)	AY 2023 (As of 12/12/2022)	AY 2022 (As of 12/13/2021)
Application Volume	Applications Initiated	82,424	82,149	85,264
	Applications Submitted	49,684	50,313	53,097

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Important Application Deadlines and Dates

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Important Application Dates

2024 Cycle

2024 Choose Your Medical School Tool: "Plan to Enroll" Becomes Available

Tuesday, February 20*

2024 Choose Your Medical School Tool: "Commit to Enroll" Becomes Available

Tuesday, April 30

**Note: February 19 falls on a holiday for the 2024 cycle; therefore, it shifts to the following business day*

2025 Cycle

2025 AMCAS Application Opening

Wednesday, May 1

2025 AMCAS Application Submission

Tuesday, May 28

2025 AMCAS Application Transmission

Friday, June 28

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2025 AMCAS Application Cycle Content Changes

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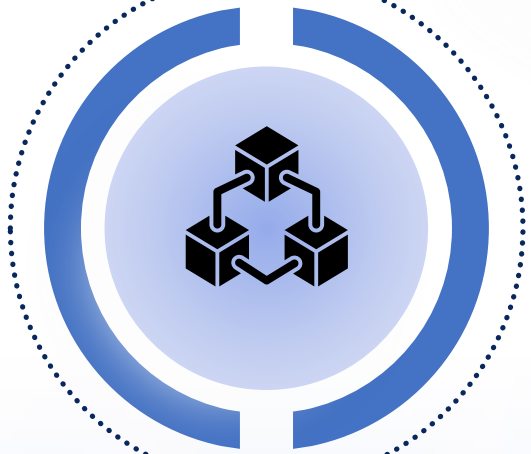
AY2025 Content Changes

01 Self-Identification

Changes and new additions to "Race and Ethnicity" categories and subcategories for "Self-Identification."

02 Native/Tribal

New section in the AMCAS application for Native and Tribal affiliation.



03 Letter Writer Application

Upcoming enhancements – details forthcoming.

04 Mandatory Section Indicators

Red asterisk mark next to mandatory sections, not just mandatory fields, in the AMCAS application.

05 PREview® Exam

Updated, clear listing in the AMCAS application to indicate schools participating in the PREview exam. Schools that are not participating in PREview will not see PREview scores.

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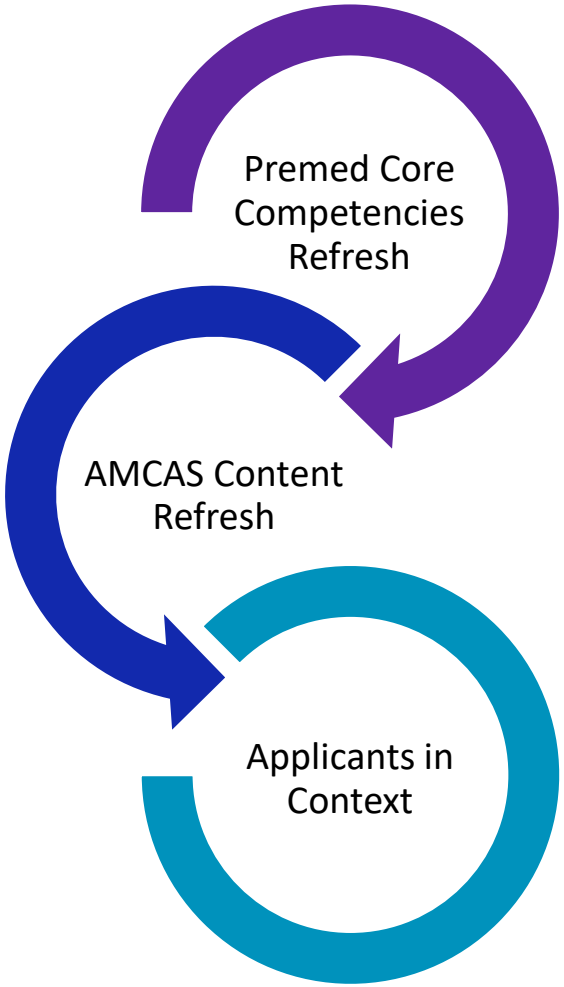

Premed Core Competencies Refresh influenced the AMCAS Content Refresh:

- Updated competencies **provide** a foundational framework for evaluating future medical students.
- **Ensure** alignment between competencies & the AMCAS application.
- **Facilitate** a cohesive and comprehensive admissions process.

AMCAS Content Refresh informs the Applicants In Context project:

- Ongoing refresh **reflects** societal & educational changes in the application.
- **Enhances** the way we understand applicants' unique experiences and backgrounds.
- **Provides** opportunity to provide source data and research variables for a more comprehensive and contextual evaluation of applicants.

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Applicants in Context

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DRIVE HOLISTIC EVALUATION AND CONTEXTUAL INTERPRETATION FOR ADMISSIONS

PROVIDE OBJECTIVE DATA COLLECTION FOR MEDICAL SCHOOL ADMISSIONS

PROMOTE MISSION-DRIVEN DIVERSITY THROUGH COMMUNITY UNDERSTANDING

CREATE SEAMLESS INTEGRATION WITH APPLICANT MANAGEMENT SYSTEMS

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What's Happening Right Now: Research & Development

- **Analyzing Archival Data:**
  - Delving into historical AMCAS data for insights.
- **Exploring Information Sharing Mechanisms:**
  - Identifying effective ways to disseminate source information medical schools while sharing with applicants and pre-health advisors.
- **Focus Groups and Surveys:**
  - Engaging in collaborative discussions and information gathering with medical schools and pre health advisors.
- **Consulting Experts (e.g., College Board):**
  - Seeking guidance from industry experts, such as the College Board, to gain valuable insights.
- **Developing Guidance Materials:**
  - Thinking about tailored materials to facilitate appropriate use by medical schools.

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AMCAS Content Refresh

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1. Update the application so that each component works together to provide a complete and holistic picture of applicants' readiness to learn in medical school.

2. Ensure that application content is mapped to pre-med core competencies and/or interests and values that are required for success in medical school and support medical schools' unique missions.

3. Ensure that AAMC has taken steps to mitigate bias in application content and processing.

4. Standardize and streamline the question content, ultimately enhancing the user experience for both applicants and medical school staff.

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Starting Point

Thematic Analysis, Word Counts, & Descriptives

- Languages
- Military Information
- Personal Comments Essay
- Work/Activities (Activity Type(s), Repeated Experiences, Hours, Anticipated Work Experiences)
- Medically Underserved Questions
- Financial Questions (Series of 8 Questions)

Needs Analysis

- Letters of Recommendation
- Personal Comments Essays

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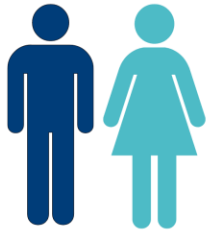
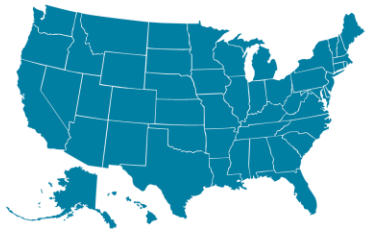
Focus Group: Representation



15 Men
22 Women

36 Medical Schools or Colleges/Universities



24 States & the District

Medical School Staff: 26
Pre-health Advisors: 11

SCAN ME

Central: 10
Northeast: 9
South: 12
West: 6

Admissions: 23
Diversity Affairs: 2
Faculty: 3
Student Affairs: 3
Student Services: 1
Student Records: 1

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Focus Group: Preliminary Findings

Personal Essays

- Trying to learn “life story,” motivation for medicine
- Difficult to read all of them
- Few schools use structured scoring
- Mixed feelings about the role of generative AI to create and using LLM to score essays
- *Focus students on telling their story*
- *Recommend avoiding or using AI with caution to write*

Letters

- Don’t restate what’s in the application
- Want more comparison information
- “Bad” letters are more helpful
- Most letters don’t differentiate applicants
- *PHA may not have enough information evaluate competencies*
- *View the letter as a way to “tie together” pieces of the application*

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AMCAS Content Refresh

Phase	Status	Timeframe
Review & Focus Group Planning	Complete	Sept – Oct 2023
Needs analysis focus groups*	Complete	Oct – Nov 2023
Surveys of Admissions Officers & Pre Health-Advisors/Letter Writers	Pending	January-February 2024
Focus Groups for Focus areas/Application Content	Pending	January –March 2024
Finalization & Documentation	Pending	Mar-May 2024
Any changes will roll out AY 2026 or later	Pending	May 2025

*We have also collaborated with the NAAHP executive board on letters of evaluation.

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Resources

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AAMC Pre-Health Advisor Website

SCAN ME

Additional Resources

AMCAS Applicant Website

How to Get the Most of the Advisor Information System (AIS)

Resources for Advisors and Advisees Appling to Medical School

AMCAS Contact Us Form

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Up Next: Advisor Information System (AIS)

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Speakers

- **Kate M. Fukawa-Connelly**

  Director of Health Professions Advising,
  Princeton University

- **Marc Counterman**

  PreHealth Adviser, Eberly College of Science,
  The Pennsylvania State University

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How to Excel: AIS & You

AAMC December 2023 advisor webinar

Poll!

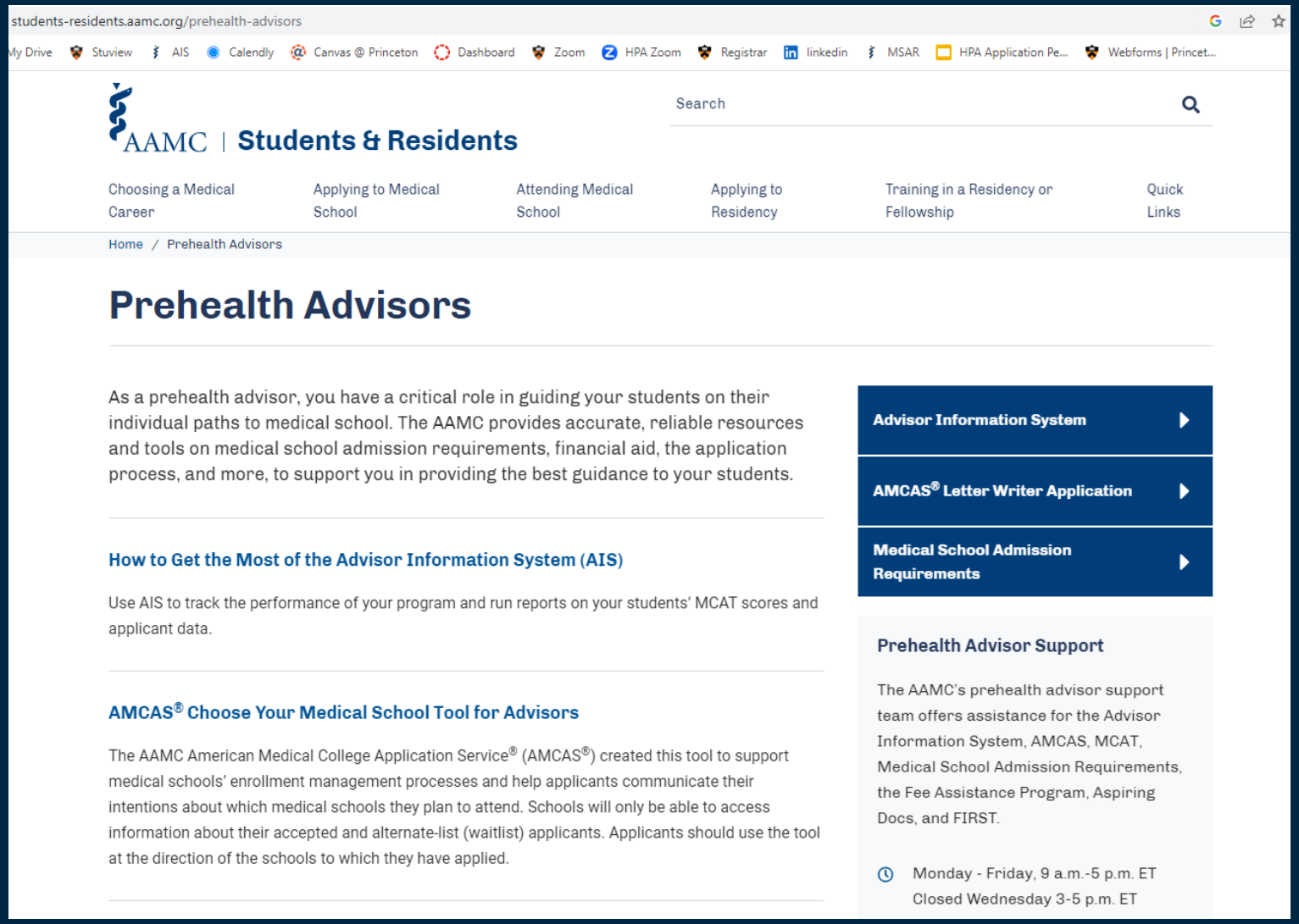
How familiar are you with the AAMC Advisor Information System (AIS)?

Agenda

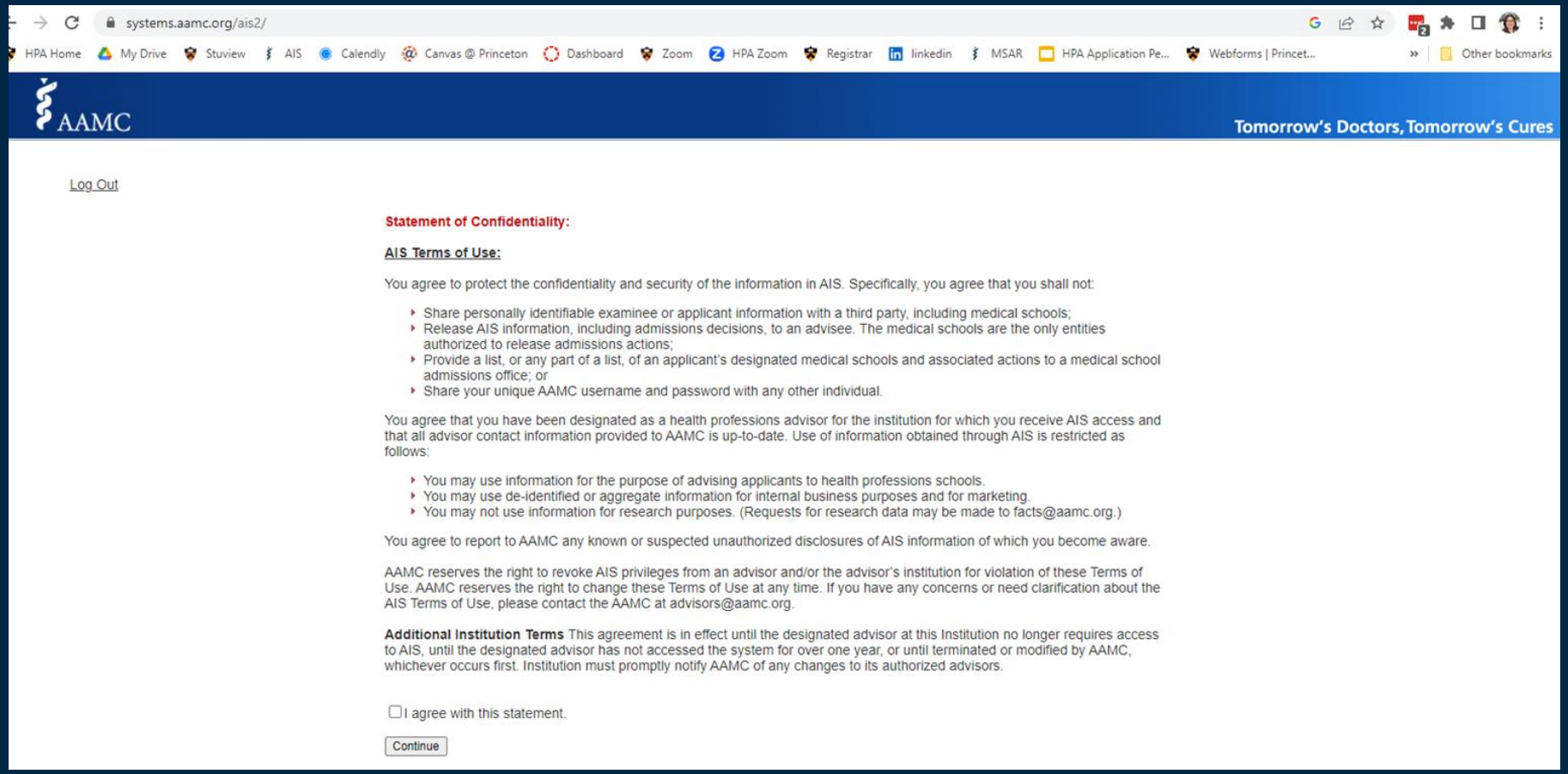
- Introduce the reports available in the AAMC Advisor Information System (AIS)
- Show how we use institutional data alongside the AIS Roster of Applicants data
- Offer examples of data visualizations to learn things about your applicants via charts and Pivot Tables

AIS + You

Gain access to AIS through the AAMC Prehealth Advisors resource page

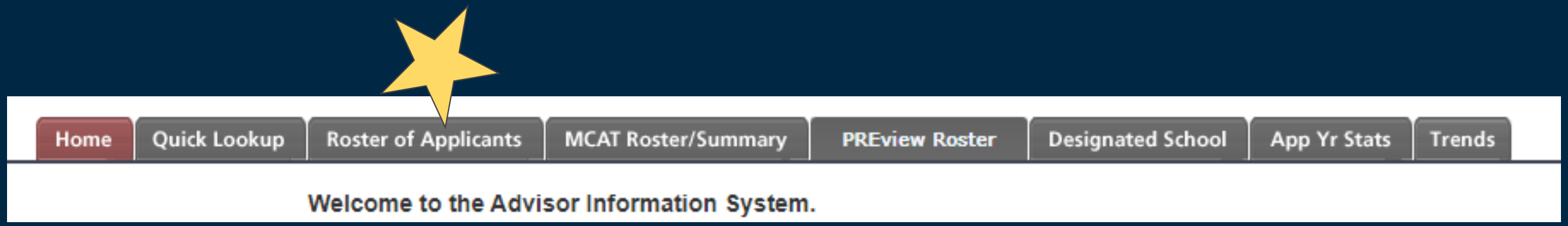


AIS + You



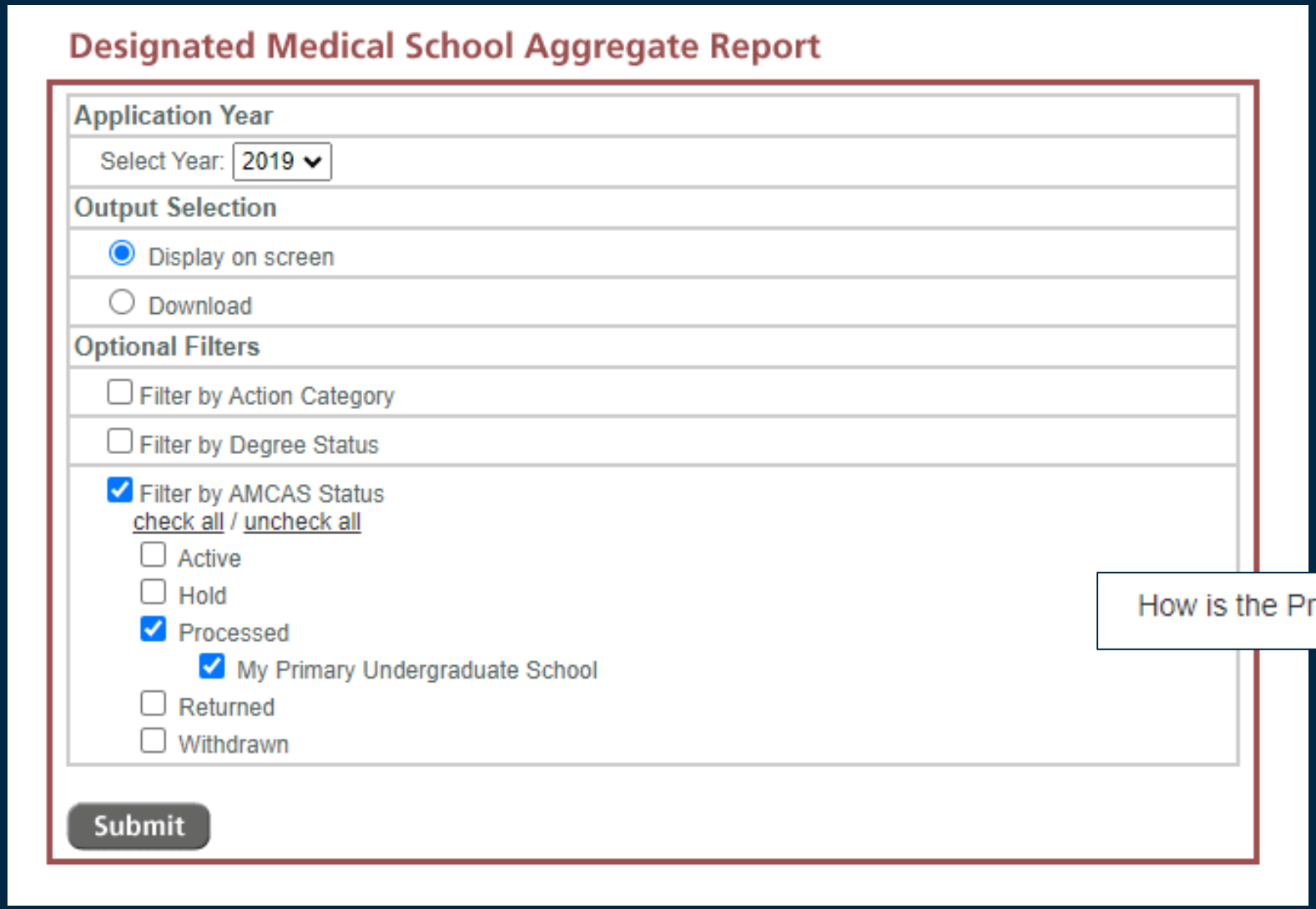
Login via ***systems.aamc.org/ais2***

Tour through the Tabs



Recommend: Click through each report, screenshot the “Display on Screen” report and download each “Download” report so you have a visual record of everything.

Designated School



How is the Primary Undergraduate School determined?

Designated School

Application Year: 2019 **Schools:** 147

Institution Name	State	Code	Applied	NYA	Accepted	Matric
Albany Medical College	NY	102	10	9	1	0
Albert Einstein College of Medicine	NY	120	52	47	2	3
Baylor College of Medicine	TX	104	26	24	1	1
Boston University School of Medicine	MA	105	61	55	4	2
Brody School of Medicine at East Carolina University	NC	813	1	1	0	0

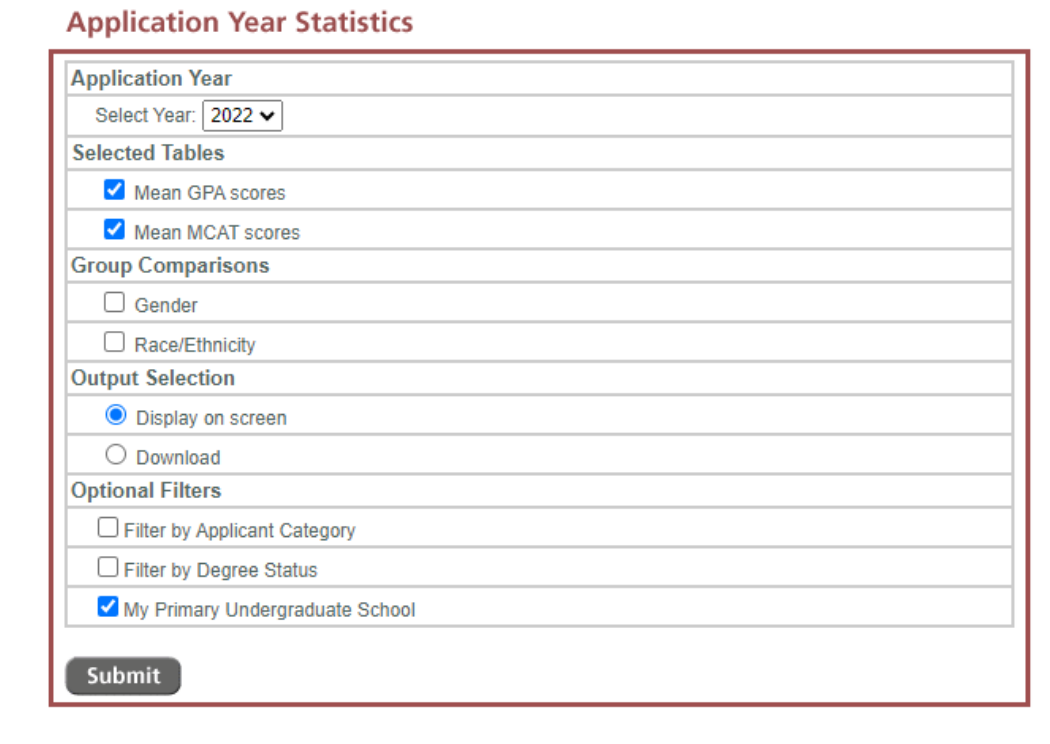
- Aggregate data will include applicants who did not provide an advisor release.
- Shows schools that are popular with your applicants.
- Shows which schools have reported acceptance and matriculant actions.

Designated School

Designated Medical School Aggregate Report						
Application Year: 2024						
Institution Name	State	Code	Applicants Count	NYA Count	Accepted Count	Matriculated Count
Albany Medical College	NY	102	17	17	0	0
Albert Einstein College of Medicine	NY	120	51	51	0	0
Anne Burnett Marion School of Medicine at TCU	TX	867	4	4	0	0
Baylor College of Medicine	TX	104	1	1	0	0
Baylor College of Medicine	TX	10104	1	0	1	0

- Download this list for school names and codes.

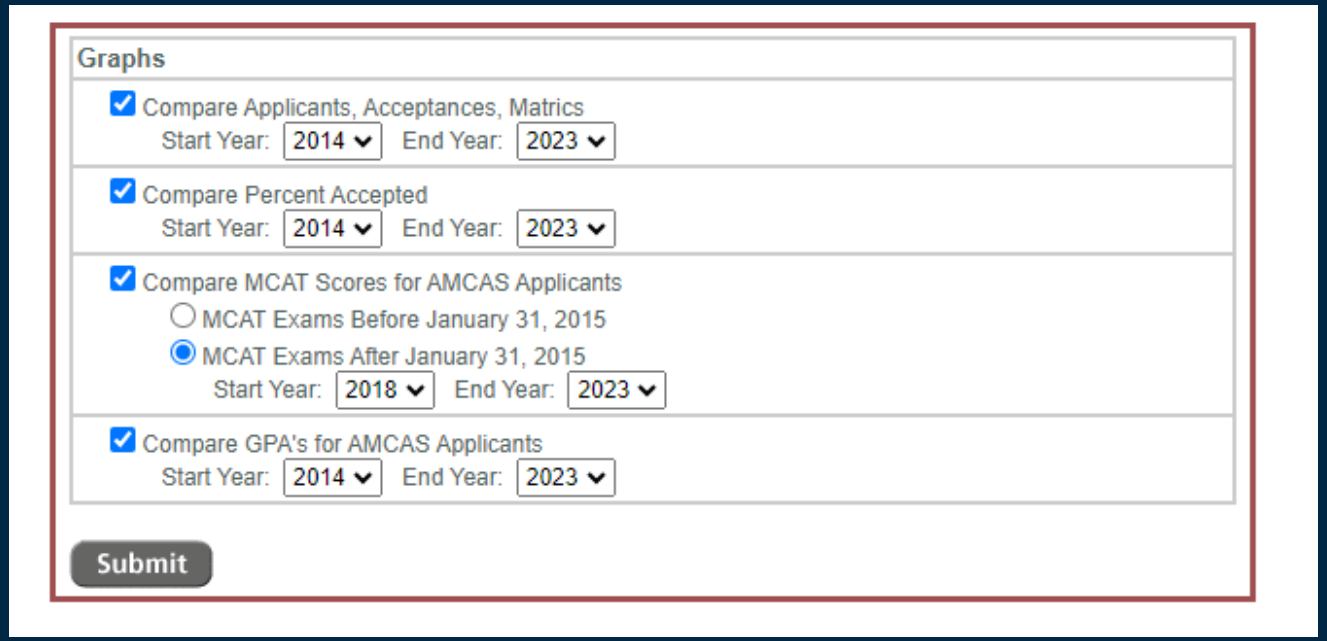
App Year Stats



I opt to compute my average GPAs and MCATs myself rather than rely on this data.

Report will tell you where applicants without advisor release matriculated.

Trends



I opt to compute my average GPAs and MCATs myself rather than rely on this data.

Compare GpA's for AMCAS Applicants (Cumulative)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Applicants	3.47	3.44	3.43	3.46	3.44	3.50	3.48	3.54	3.53	3.57
Acceptances	3.51	3.49	3.51	3.53	3.52	3.55	3.55	3.57	3.59	3.61
Matriculants	3.51	3.49	3.51	3.53	3.51	3.54	3.56	3.55	3.58	3.61

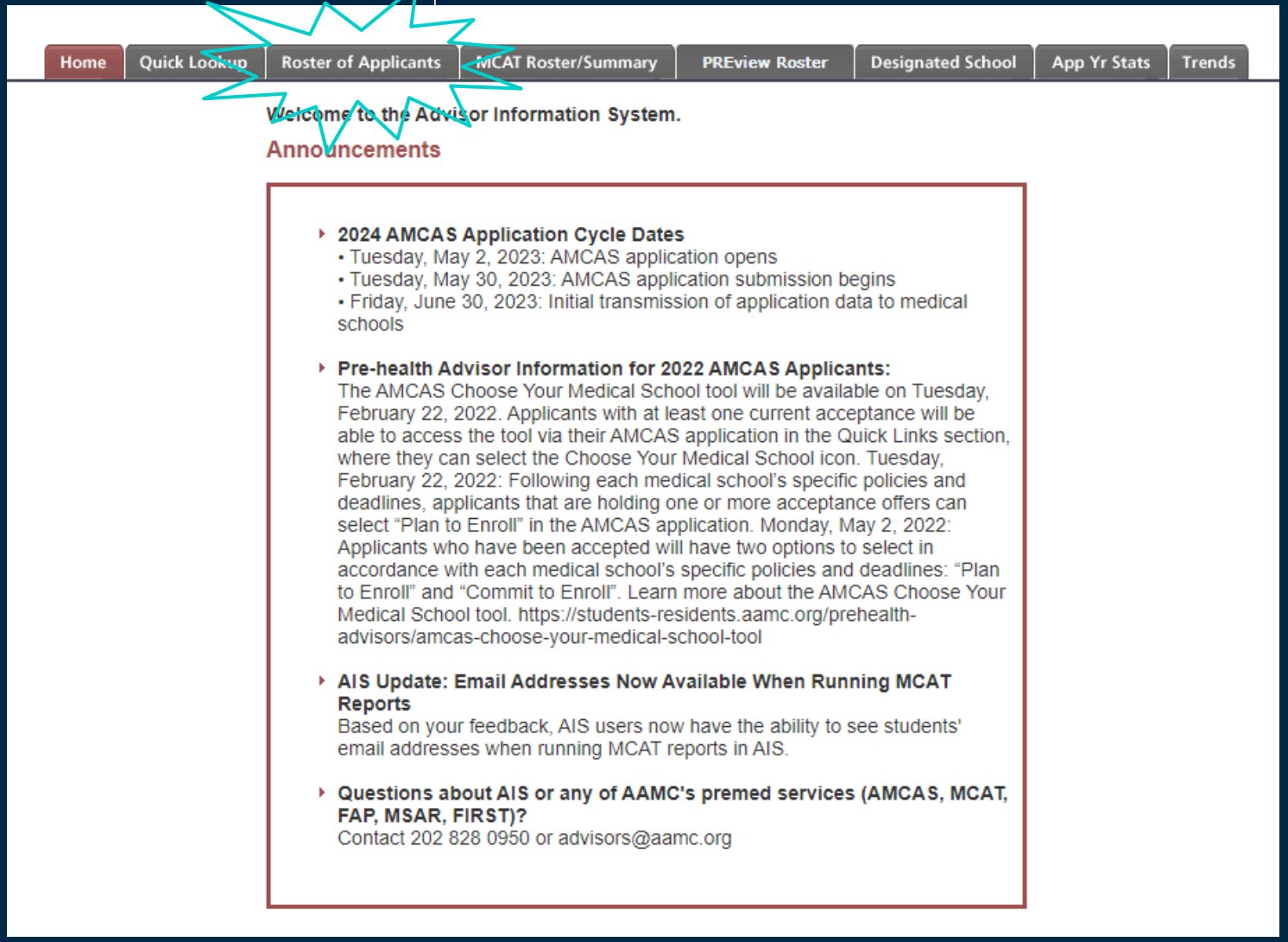
MCAT Roster and Summary

- Download roster after each exam and save to one large spreadsheet
- Use Conditional Formatting in Excel to show color scales
- Orange columns = manual additions that I make

Exam Month	Exam Acad Y	Exam Date	FAP Award	State	Sex	Date of Birt	jor Cc	Major	Intere	Primar	Total Score	Confidence Band	Total %ile Rar	CBPS	CBPS %ile Rar	CARS	CARS %ile Rar	BBFL	BBFL %ile Rar	PSBB	PSBB %ile Rar	Release during MCA	Released AMCAS Yea	Attempt #
May	2021-22	13-May-22		NY	F	28-Apr-99	MB	Molecular Biology	1	Doctor	511	509 to 513	80	127	75	131	99	127	71	126	52	Y	2023	
May	2021-22	14-May-22	Y	CA	F	18-Jun-98	MB	Molecular Biology	1	Doctor	508	506 to 510	71	126	64	126	72	126	60	130	93	Y		
May	2021-22	14-May-22		NY	F	12-Jun-99	NR	Neuroscience	1	Doctor	509	507 to 511	74	127	75	127	82	127	71	128	75	Y	2023	
May	2021-22	14-May-22		NY	F	14-Jul-01	CE	Chemical Engineer	1	Doctor	507	505 to 509	68	127	75	127	82	127	71	126	52	Y		
May	2021-22	14-May-22		PA	M	1-Aug-99	MB	Molecular Biology	1	Doctor	515	513 to 517	90	127	75	130	98	128	82	130	93	Y	2023	
May	2021-22	14-May-22		OH	F	26-Jan-96	NR	Neuroscience	1	Doctor	523	521 to 525	99	130	96	131	99	131	98	131	97	Y	2023	
May	2021-22	19-May-22		MD	F	3-Nov-00	BI	Biology	1	Doctor	513	511 to 515	86	128	84	128	90	129	89	128	75	Y	2023	

Similar Preview Roster & Summary available

We'll focus on the **Roster of Applicants (ROA)**



The ROA is useful:

As the application cycle begins
(download roster after final CL is uploaded)

- Who has submitted an application
- What applications have been verified
- What transcripts are missing

During the application cycle
depending on schools' reporting
(download or browse records online)

- Who has been interviewed, waitlisted, accepted
- Who pops up late in the cycle

After the application cycle
(download roster around end of October)

- Who has been accepted
- Where have they matriculated

Ask your applicants to provide advisor release on AMCAS!

on-screen short table = clickable list of applicants

Home | Quick Lookup | Roster of Applicants | MCAT Roster/Summary | PREview Roster | Designated School | App Yr Stats | Trends

Welcome to the Roster of Applicants Query Screen. Please select an application year and an output format. Optional filters are available. Please select 'Submit' to execute the report.

On May 1 every year, the MCAT and PREview percentile ranks are updated to reflect the results of the previous calendar year(s).The AMCAS Roster of Applicants report reflects the percentile ranks as they were reported to the applicants' designated medical schools. Note: you may see differences in percentile ranks in this report compared to the MCAT and PREview Roster/Summary reports because the percentile ranks in the Roster/Summary reflects the current percentile ranks at any given time.

Roster of Applicants

Application Year

Select Year: 2024

Output Selection

- (•) Display on screen - short table view
- ( ) Display on screen - all records, full view
- ( ) Download Roster

Optional Filters

- [ ] Filter by Applicant Category
- [ ] Filter by Designated Medical School
- [ ] Filter by Program Type
- [ ] Filter by Action Category
- [ ] Filter by Degree Status
- [ ] Filter by Fee Assistance Program Award Status
- [ ] Filter by AMCAS Status

Submit

Applicants Roster Result: Printer-Friendly

Application Year: 2022 **Students:** 147

Name	AAMC ID	BCPM	AO	CUM	Recent MCAT	Recent PREview	AMCAS Status	Accepts
		3.35	3.60	3.49	504		Processed	1
		3.79	3.90	3.85	523		Processed	0
		3.56	3.52	3.54	516		Processed	5
		3.15	3.55	3.35	514		Processed	1
		3.88	3.95	3.92	526		Processed	1
		3.69	3.84	3.81			Processed	1

AMCAS Applicant Data (application year: 2022)

Name	AAMC ID	FAP Award	Gender	DISAD	State
	15463567		M	N	MD

Race	Ethnicity
White	

Status	BCPM GPA	BCPM HRS	AO GPA	AO HRS	CUM GPA	CUM HRS
CU (incl. UG post-bacc grades)	3.88	44.00	3.95	72.00	3.92	116.00
PB						
GR						

Colleges Attended	Majors	Degrees	Date
Princeton University	History	Bachelor of Arts	05/2022

Letters of Evaluation/Recommendation

Primary Author or Contact	Institution	Type	Letter Status	Letter ID
Ms. Kate Fukawa-Connelly	Princeton University	Committee	Received	10351681
Dr.		Individual	Received	10531744

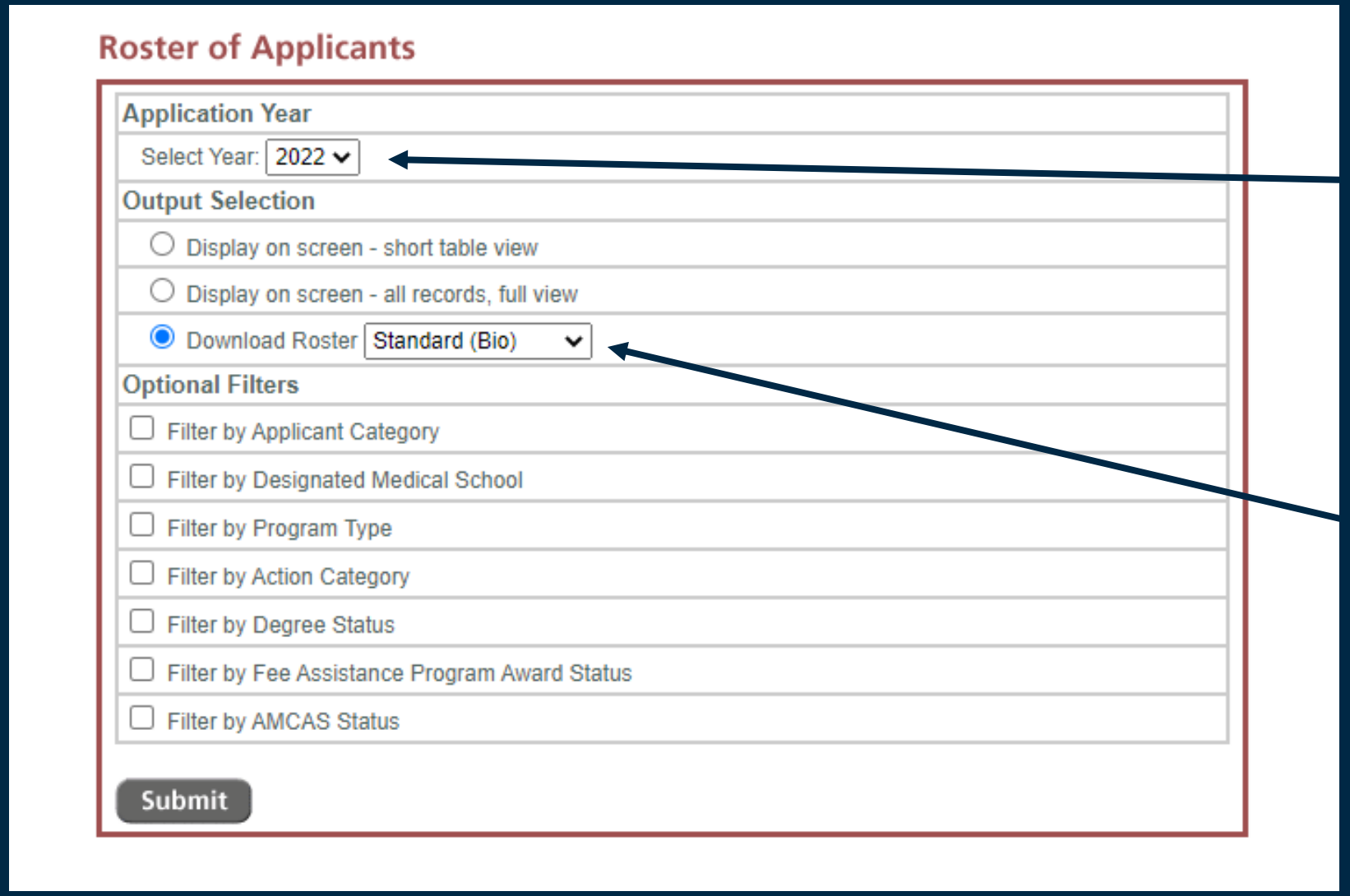
MCAT Scores After January 31, 2015

Test Date	Total	Confidence Band[1]	Percentile Rank of Score[2]	Chemical and Physical Foundations of Biological Systems		Critical Analysis and Reasoning Skills		Biological and Biochemical Foundations of Living Systems		Psychological, Social, and Biological Foundations of Behavior	
				Score	Percentile Rank of Score[2]	Score	Percentile Rank of Score[2]	Score	Percentile Rank of Score[2]	Score	Percentile Rank of Score[2]
20-MAY-2021	526	524 to 528	100%	132	100%	132	100%	131	98%	131	97%

Percentile Rank Effective Date: 01-MAY-2021

Download = many reports

- Schools attended = who are the unknown people in your data set?
- Actions 1 row = giant matrix of outcomes. A row represents all of one applicant's outcomes.
- Actions multi row = giant list of outcomes. A row represents one applicant's outcome at one school.
- Letter Data = every letter submitted for every applicant.
- Standard (Bio) = where the magic is.



Choose the matriculation year you want to access

Select Download Roster with the Standard (Bio) output type

ROA downloaded roster info

Includes

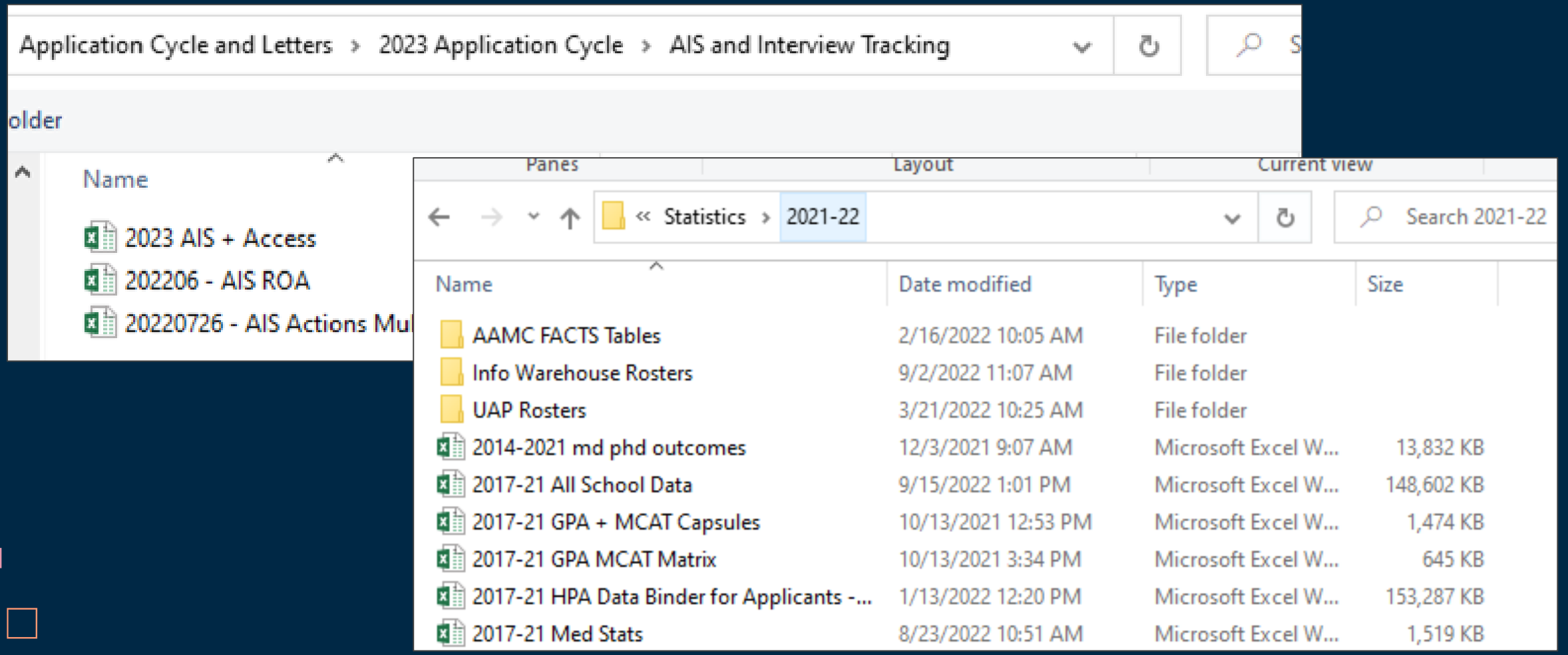
- Current email
- Race/Ethnicity
- Disadvantaged/FAP
- Application BCPM, AO, CUM GPAs for UG, PB, GR levels
- MCAT: most recent date, overall score, subsections, percentiles
- Processed date
- # applications, acceptances
- Matriculated school (end of cycle)

Does NOT Include

- Primary UG school
- Fully accurate major(s), minor(s)
- Class year
- Reapplicant status
- Multiple MCAT attempts info
- Credit hours
- Committee letter status
- PreVIEW score

- Any applicant who has not provided advisor release of data

Create a folder & naming system that will keep you organized



Document what you're doing as you do it
(future you will thank you)

Med Stats Document 2022 How to Guide

During the application cycle

- Check AIS and UAPs from time to time to pull non-CL students and add them to the Applicants table in Access. You will need their PUID to make the data correspond properly.
    - To add to Applicants table, verify that they're in the Student Roster. If so, create a new record in the Applicants table using their PUID and name. If not, you'll need to add them to the Student Roster table first.
    - Once they're in the Applicant table, add Intended Matriculation Year, then they'll show up in the application year queries so you can enter the rest of the relevant information.
    - For non-CL students, at a minimum, note class year, major, postbac program (postgrad location), UG BCPM credits, UG PB credits, GR BCPM Credits.
- Add first II and first A dates as they happen. This will move that info into Access instead of holding it in Excel spreadsheet.

Prior to data processing: Access data

In fall prior to completing the data processing, check that the following data is complete. I ran a query to capture each of these fields:

- Current App Year
- Applicant Status (accepted, wait list, no interviews, rejected post interview)
- Path
- Special App (PB linkage, EA)

Walking you through our Excel Document

Last Name	First Name	Middle Name	AAMC	FAP Award	Email	State	Gende	Disadvantaged?	Race	Ethnic	AMCAS Status	Processed Date	Undergrad Degree	Undergrad Major	Grad Degree	Grad Major	Post Bacc?	CU BCPM GPA	CU AO GPA	CU CUM GPA	PB BCPM GPA	PB AO GPA	PB CUM GPA	GR BCPM GPA	GR AO GPA	GR CUM GPA	MCAT Test Date	V R g
						PA	F	N	White		P	6/26/2022	Y	Biocher	N		N	3.98	4	3.99							5/23/2022	
				Y-After Sub		PA	F	N	Asian~Korean		P	8/28/2022	Y	Immun	N		N	3.33	3.84	3.47							5/24/2022	
						PA	F	N	White		P	6/28/2022	Y	Biomed	N		N	3.61	3.91	3.7							4/13/2022	
						NJ	F	N	Asian~Indian		P	7/8/2022	Y	Premed	N		N	3.31	3.73	3.41							9/18/2021	
						PA	M	N			P	6/26/2022	Y	Biology	N		N	3.83	3.93	3.86							6/15/2022	
						PA	M	N	White		P	6/12/2022	Y	Biobeh	N		N	3.98	4	3.98							5/18/2022	
						IL	F	N	Asian~Indian		P	8/8/2022	N	Biology	N		N	3.34	3.83	3.51				4		4	3/29/2022	
						FL	F	N	White	Cuban~	P	7/18/2022	Y	Biology	N		N	3.27	3.78	3.4							8/10/2021	
						PA	M	N	Asian~Japanes		P	9/3/2022	Y	Biobeh	N		N	3.41	3.76	3.56							6/16/2021	
						PA	F	N	White		P	7/22/2022	Y	Biocher	N		N	3.39	3.77	3.53							9/19/2021	
						PA	M	N			P	8/23/2022	Y	Psychol	N		N	2.95	3.85	3.26							5/31/2022	
						PA	F	N	Asian~Chinese		P	7/15/2022	Y	Science	N		N	3.9	4	3.93							5/11/2022	
						PA	M	N	Asian~Pakistan		P	7/12/2022	Y	Biocher	N		N	3.66	3.73	3.69							8/3/2021	
						PA	M	N	White		P	6/12/2022	Y	Immun	N		N	3.5	3.79	3.63							6/2/2021	
						PA	M	N	White		P	8/23/2022	Y	Immun	N		N	3.18	3.59	3.33							6/16/2021	
						PA	M	N	White		P	7/19/2022	Y	Science	N		N	3.5	3.87	3.65							6/15/2022	
						PA	M	N	White		P	6/26/2022	Y	Forensi	N		N	3.91	3.83	3.88							8/11/2020	
						IN	M	N	White		P	10/8/2022	Y	Biocher	N		N	3.41	3.89	3.64							8/30/2022	
						PA	M	N	White		P	8/12/2022	Y	Biology	N		N	3.78	3.86	3.81							6/1/2022	
						VA	M	N	African Americ		P	6/10/2022	Y	Biocher	N		N	2.69	3.56	3.04	3.8		3.8	2.62	4	2.7	9/2/2020	
						MD	M	N	Asian~Pakistan		P	8/29/2022	Y	Biobeh	N		N	2.68	3.26	2.85				3.15		3.15	7/23/2020	
						PA	F	N	White		P	7/11/2022	Y	Biology	N		N	3.51	3.94	3.67				3.76	4	3.79	7/20/2022	

What’s in our file part 1

- **Original ROA sheet** (tab color coded blue)
  - snapshot of data at the end of the 2023 application cycle (around October)
  - One row per applicant, 72 columns (!) of information

Keep your original data, just in case

Rename and color code your excel sheets to identify them quickly

Cleaning the data

- Determine who you want to “count”
- Remove or hide columns you won’t use
- Add columns that you want to use (from your own internal records)

Color code your self-generated columns so you remember what was from AIS and what you created

The sample data is a de-identified portion of PSU's ROA

- Penn State has hundreds of applicants to AMCAS, AACOMAS, CASPA, AADSAS, etc.
- Large Data reports are cross listed with our student databases for accurate information
- Identify the information that YOU want to pull

Adding columns of interest

Marc's:

- Student #
- PSU ID
- Primary Major
- Second Major
- Minor
- Graduation Date
- Gap Years

Kate's:

- Application Year
- PU Major
- Area of study
- Graduation Year
- Time to application
- "No CL" notes
- Include in data (Y/N)
- "Path" (CL, EA, OTH)
- PB/GR
- URM+DIS (Y/N)
- Accepted (Y, N)
- Metrics ranges

What’s in our file part 2

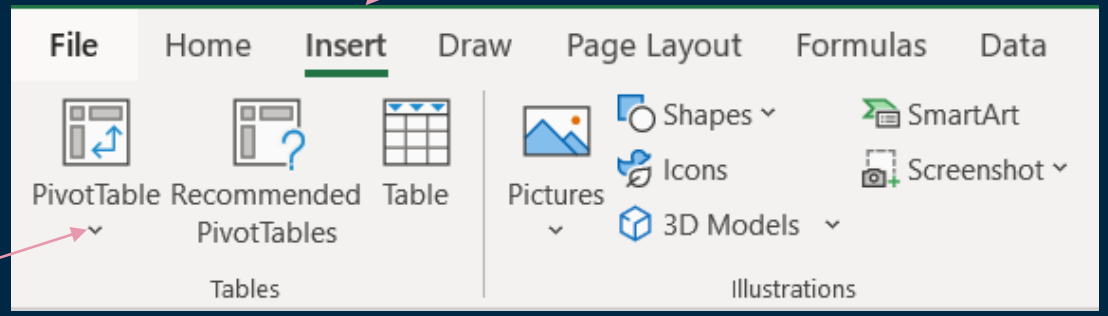
- **Marc’s adjusted ROA** (tab color coded green) and **Kate’s adjusted ROA** (tab color coded purple) with **added columns of interest** (column titles shaded red), and added features
    - Filters
    - Freeze panes
    - Colored text for accepted applicants
    - Gradient shading on metrics
- Two sample pivot tables

Poll!

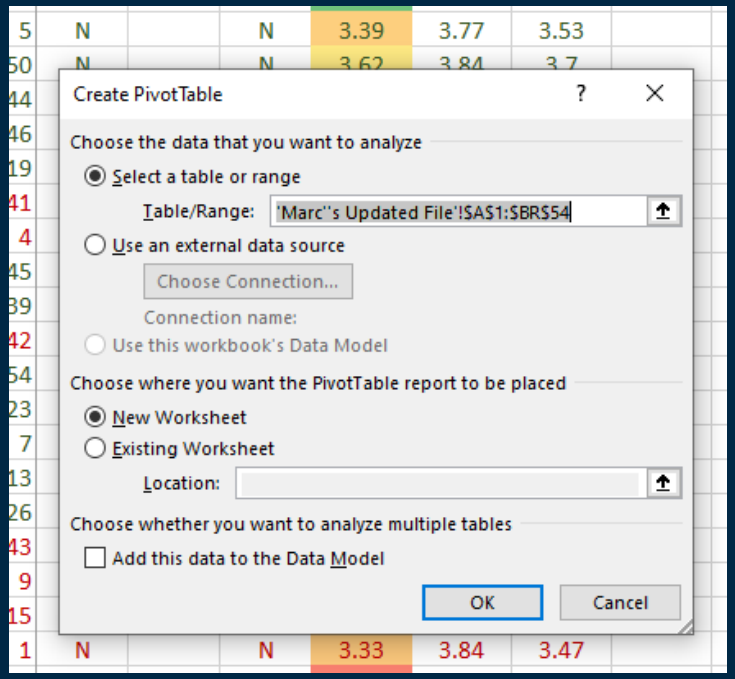
How comfortable are you with using pivot tables?

Making Sense of the Data with Pivot Tables

A way to easily manipulate data in excel

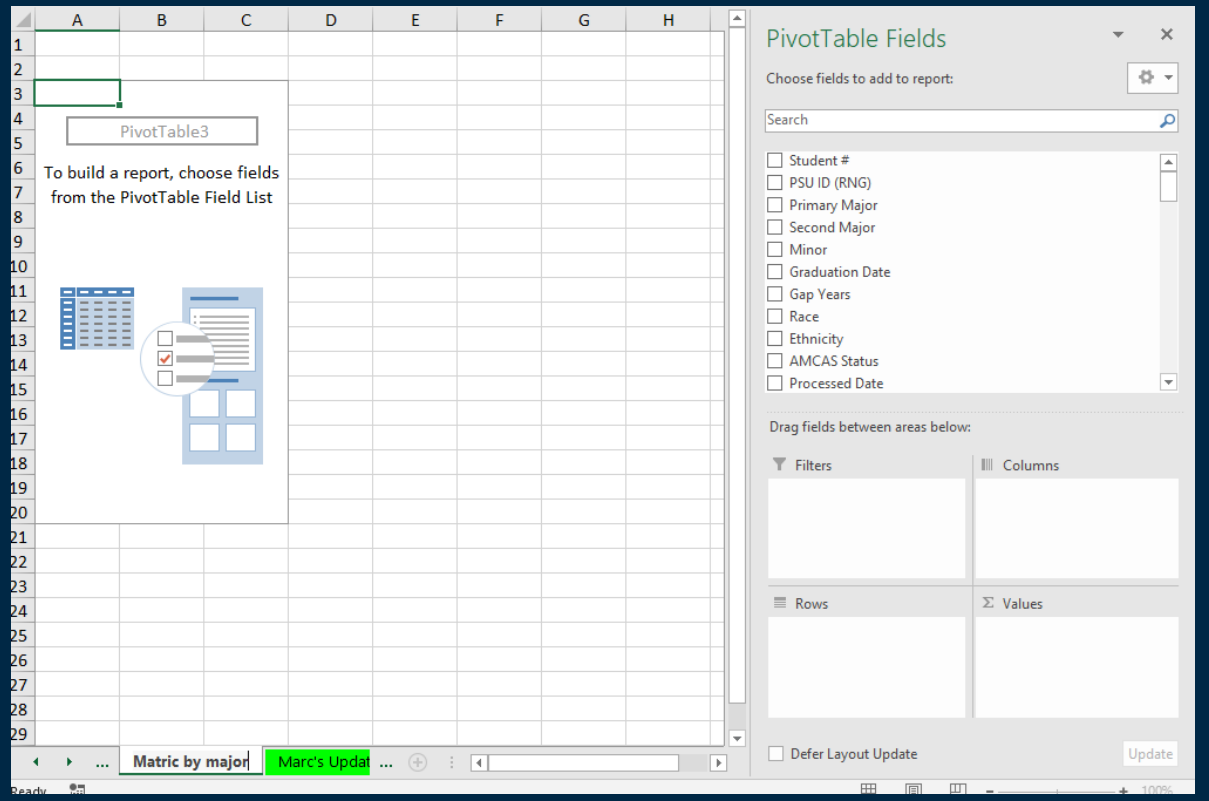


First, put your cursor anywhere within your data and select Insert → Pivot Table



Each column must have a header, and no cells should be merged

A new sheet will appear (right-click the tab and rename it something useful)



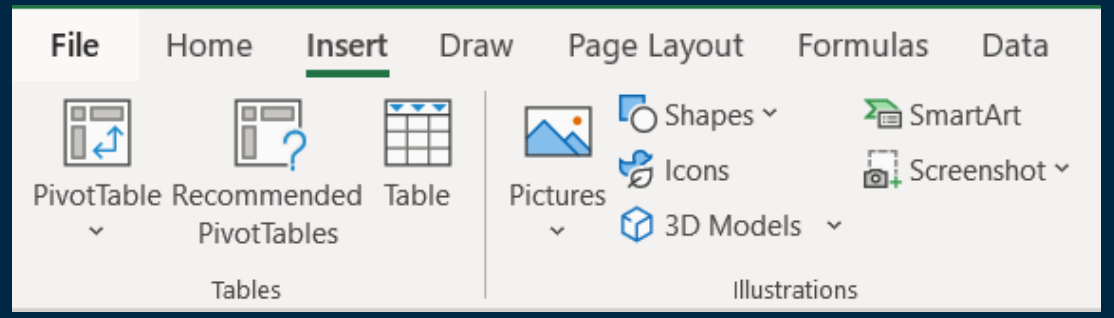
Naming sheets will help you know what you pivot tables you've already created

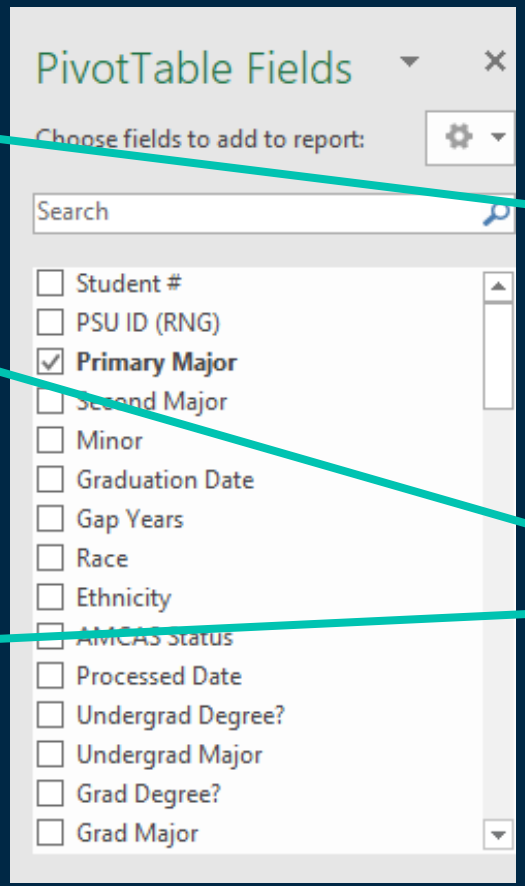
Drag fields of interest into filters, columns, rows, and values

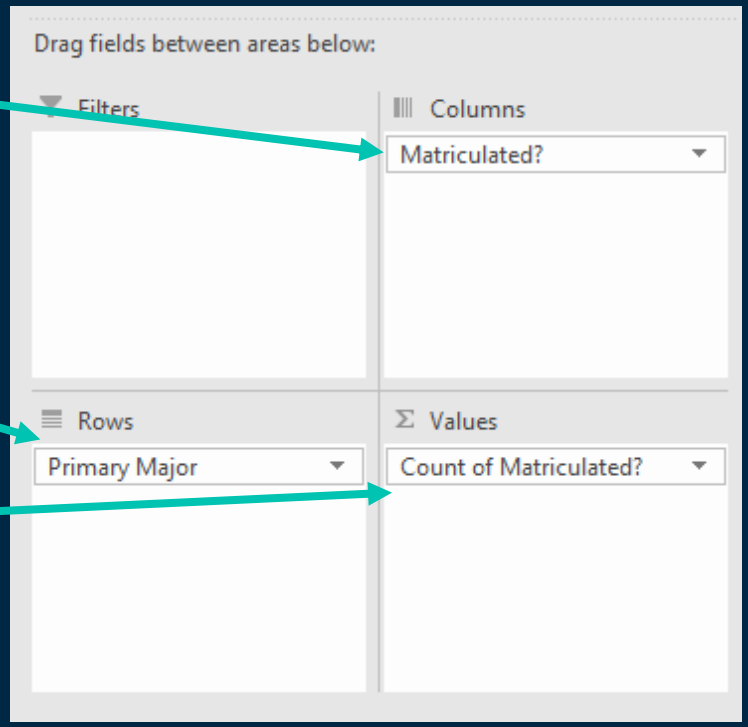
I want my pivot table to show me which of my applicants have **matriculated** or not

Grouped by **primary major**

Taking a **count** of each applicant







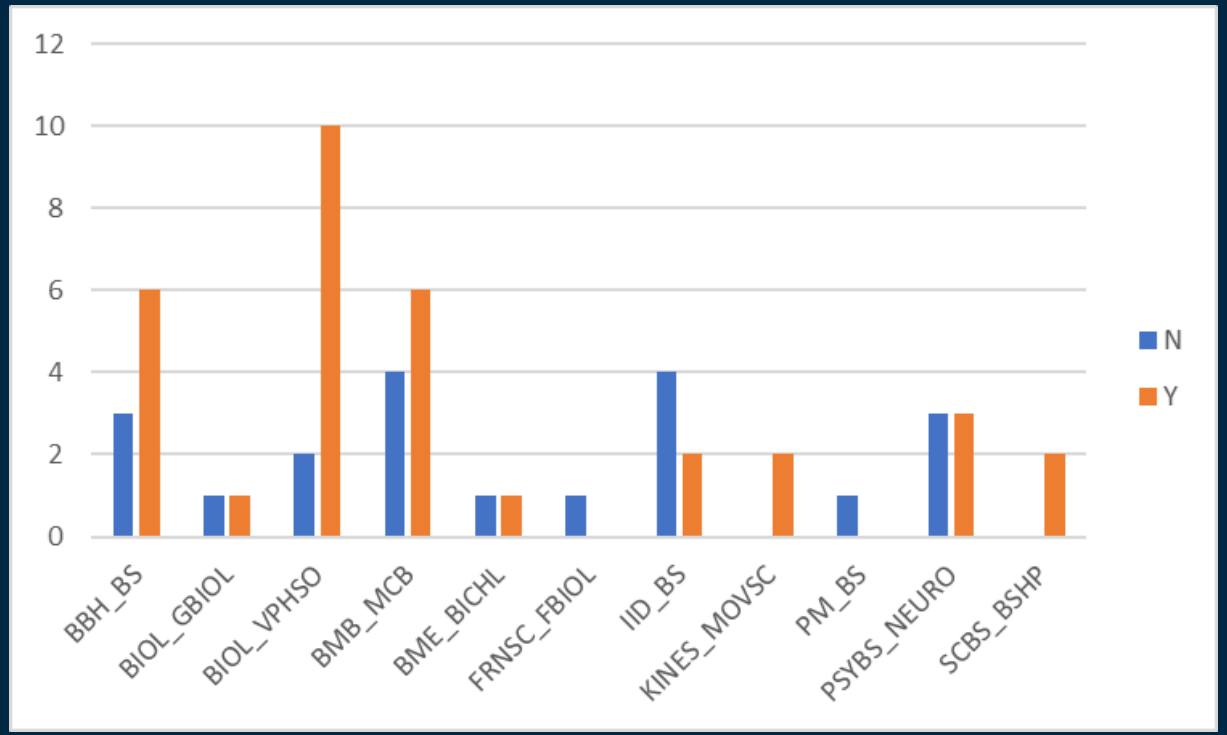
Magic!

- Data will output in a table based on the fields you chose

Count of Matriculated?	Column		
Row Labels	N	Y	Grand Total
BBH_BS	3	6	9
BIOL_GBIOL	1	1	2
BIOL_VPHSO	2	10	12
BMB_MCB	4	6	10
BME_BICHL	1	1	2
FRNSC_FBIOL	1		1
IID_BS	4	2	6
KINES_MOVSC		2	2
PM_BS	1		1
PSYBS_NEURO	3	3	6
SCBS_BSHP		2	2
Grand Total	**20**	**33**	**53**

Make it pretty!

Count	Matriculated		
Primary Major	N	Y	Grand Total
BBH_BS	3	6	9
BIOL_GBIOL	1	1	2
BIOL_VPHSO	2	10	12
BMB_MCB	4	6	10
BME_BICHL	1	1	2
FRNSC_FBIOL	1		1
IID_BS	4	2	6
KINES_MOVSC		2	2
PM_BS	1		1
PSYBS_NEURO	3	3	6
SCBS_BSHP		2	2
Grand Total	**20**	**33**	**53**



You can rename the row and column labels

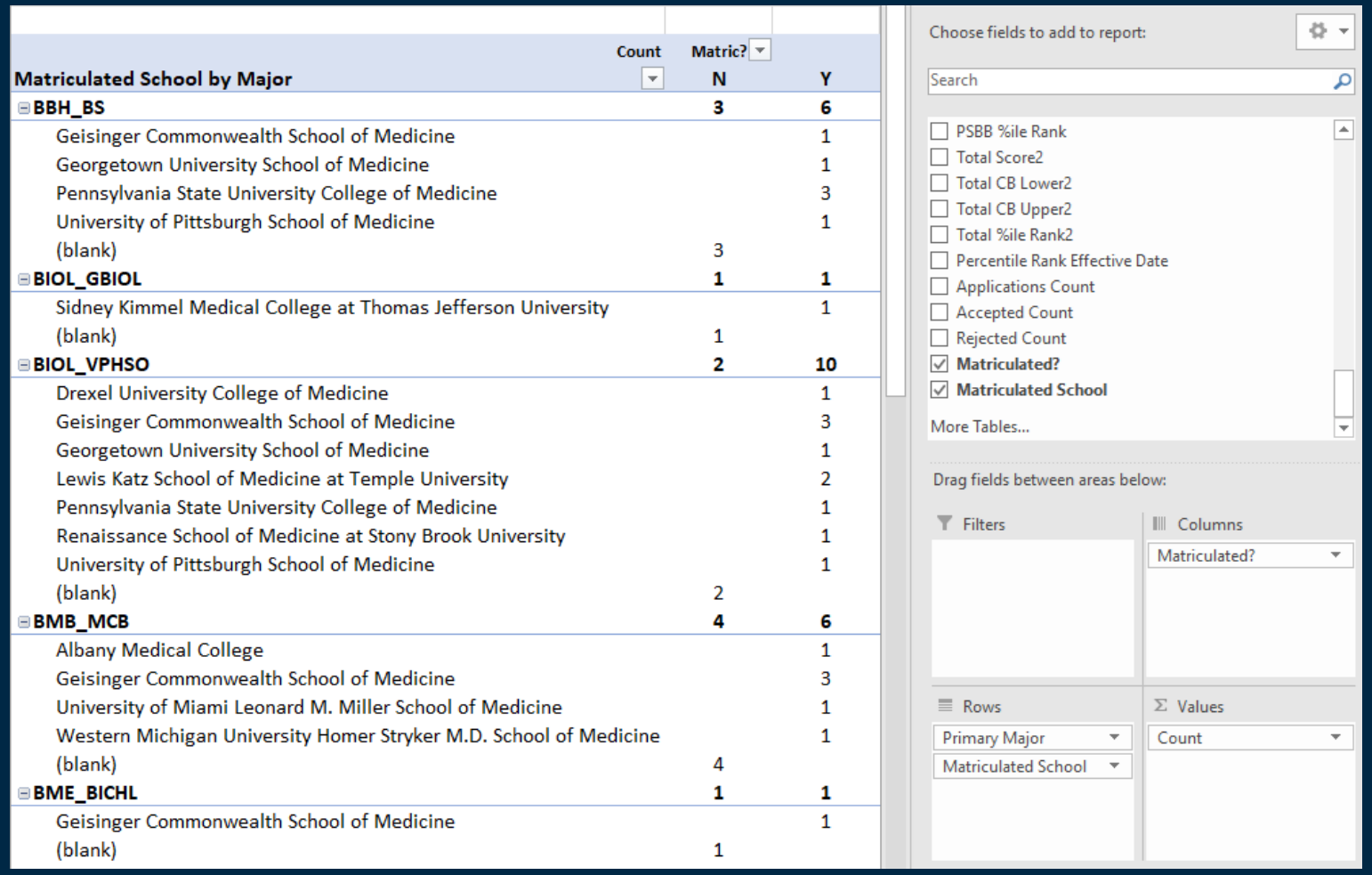
You can also make it automatically create a chart.

Nestle fields under other fields

I want my pivot table to show me which of my applicants have **matriculated** or not

Grouped by **primary major** and **matriculated school**

Taking a **count** of each applicant



Matriculated School by Major	Count / Matric? N	Y
BBH_BS	**3**	**6**
Geisinger Commonwealth School of Medicine		1
Georgetown University School of Medicine		1
Pennsylvania State University College of Medicine		3
University of Pittsburgh School of Medicine		1
(blank)	3	
BIOL_GBIOL	**1**	**1**
Sidney Kimmel Medical College at Thomas Jefferson University		1
(blank)	1	
BIOL_VPHSO	**2**	**10**
Drexel University College of Medicine		1
Geisinger Commonwealth School of Medicine		3
Georgetown University School of Medicine		1
Lewis Katz School of Medicine at Temple University		2
Pennsylvania State University College of Medicine		1
Renaissance School of Medicine at Stony Brook University		1
University of Pittsburgh School of Medicine		1
(blank)	2	
BMB_MCB	**4**	**6**
Albany Medical College		1
Geisinger Commonwealth School of Medicine		3
University of Miami Leonard M. Miller School of Medicine		1
Western Michigan University Homer Stryker M.D. School of Medicine		1
(blank)	4	
BME_BICHL	**1**	**1**
Geisinger Commonwealth School of Medicine		1
(blank)	1	

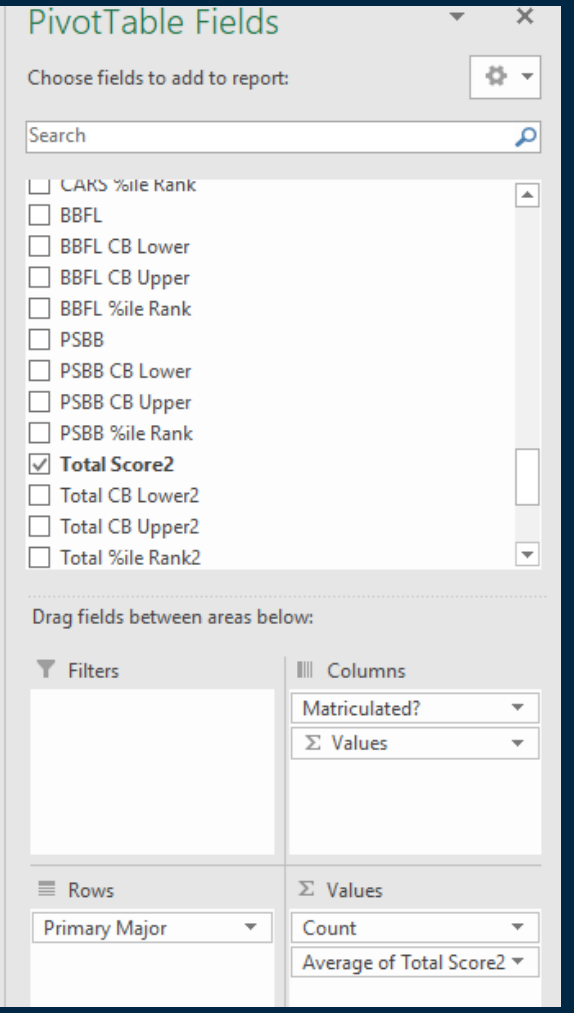
Nestle fields under other fields

I want my pivot table to show me which of my applicants have **matriculated** or not

Grouped by **primary major**

Taking a **count** of each applicant and **calculating the average MCAT** of those applicants

	Matric?				
	N		Y		Total Count
Outcomes by Major	Count	Average of Total Score2	Count	Average of Total Score2	
BBH_BS	3	504	6	512	9
BIOL_GBIOL	1	503	1	507	2
BIOL_VPHSO	2	500	10	513	12
BMB_MCB	4	507	6	514	10
BME_BICHL	1	516	1	502	2
FRNSC_FBIOL	1	515			1
IID_BS	4	504	2	510	6
KINES_MOVSC			2	512	2
PM_BS	1	499			1
PSYBS_NEURO	3	508	3	513	6
SCBS_BSHP			2	511	2
Grand Total	**20**	**506**	**33**	**512**	**53**



Example questions this data can answer

- Acceptance rates by number of gap years
- Minimum, average, and maximum MCAT for all applicants
- Average BCPM GPA for applicants with postbac vs those without
- Average number of applications per matriculated applicant

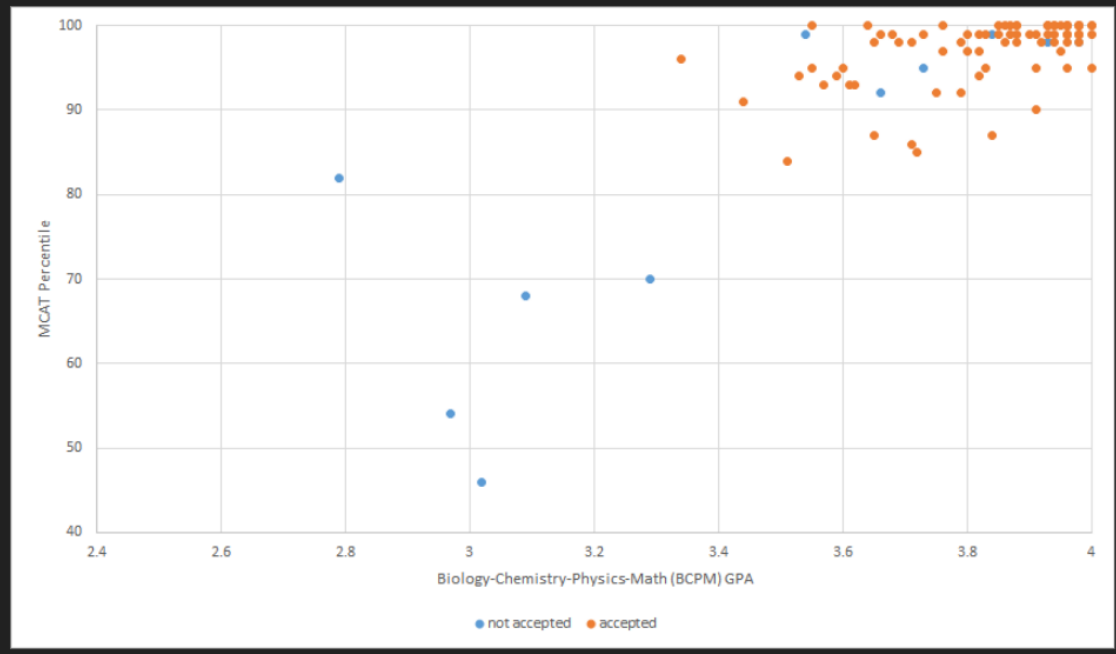
More data visualization examples

Princet

2018-2022 Acceptances by MCAT and Science GPA Combination

Princeton Applicants with an MCAT score who **did not have postbac/graduate courses** on the application

Applying direct entry = submitting an application the summer after junior year.



Most successful direct entry applicants:

- Have strong academic metrics
- Have developed strong relationships with faculty and internship supervisors
- Had clinical experience from high school and college
- Took MCAT by May of junior year

92 applicants, 81 accepted.
Average accepted metrics = 3.83 BCPM GPA / 520 MCAT

Dark green = 90% or more accepted at this combination of GPA and MCAT percentile
Light green = 80-89% accepted at this combination of GPA and MCAT percentile
** = fewer than five applicants at this GPA/MCAT combination
Blank = no applicants at this GPA/MCAT combination

Harnessing the Power of Application Data: NAAHP New Advisor Workshop March 2023

GPA/MCAT Grid

	MCAT Total											
GPA Total	472 - 485	486 - 489	490 - 493	494 - 497	498 - 501	502 - 505	506 - 509	510 - 513	514 - 517	518 - 528	MCAT Not Provided	Grand Total
3.80 - 4.00		0%	0%	22%	50%	50%	75%	81%	85%	94%	40%	76%
Applicant		1	3	9	22	38	63	88	85	90	5	404
Accepted				2	11	19	47	71	72	85	2	309
3.60 - 3.79	0%	0%	0%	25%	40%	46%	65%	68%	75%	64%	100%	53%
Applicant	2	3	5	20	35	57	54	41	24	11	1	253
Accepted				5	14	26	35	28	18	7	1	134
3.40 - 3.59	0%	0%	0%	16%	28%	53%	48%	50%	55%	100%	20%	34%
Applicant	4	8	17	25	39	36	29	26	11	1	5	201
Accepted				4	11	19	14	13	6	1	1	69
3.20 - 3.39	0%	20%	20%	19%	25%	41%	60%	40%	25%	67%	100%	33%
Applicant	3	5	10	16	20	17	10	15	4	3	1	104
Accepted		1	2	3	5	7	6	6	1	2	1	34
3.00 - 3.19	25%	0%	0%	0%	20%	23%	42%	50%	25%		0%	22%
Applicant	4	1	7	8	10	13	12	4	4		1	64
Accepted	1				2	3	5	2	1			14
2.80 - 2.99	0%	0%	0%	0%	0%	50%	0%	50%	0%		0%	11%
Applicant	2	2	2	4	6	4	2	2	3		1	28
Accepted						2		1				3

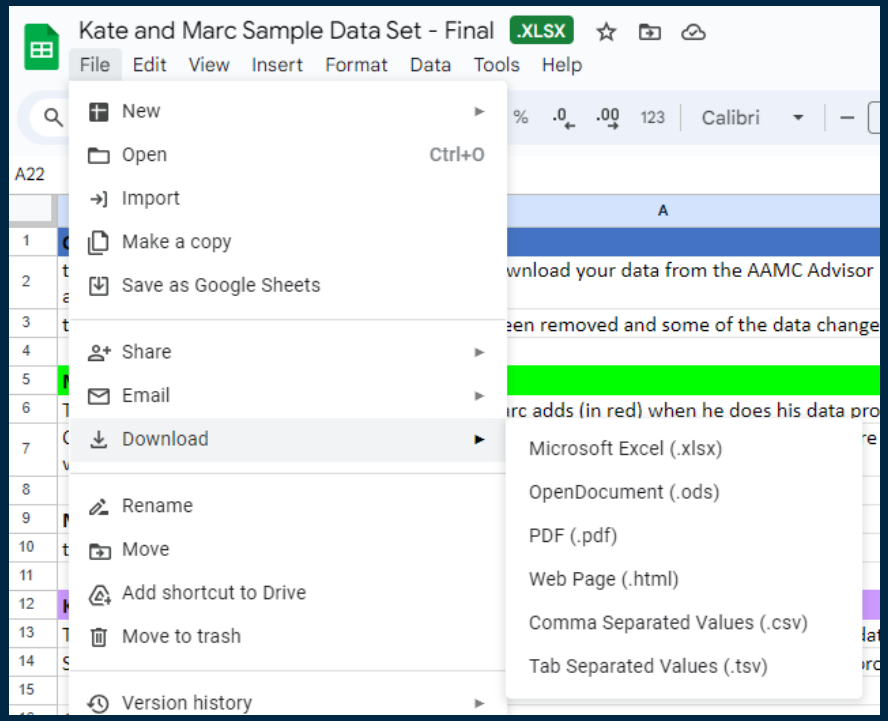
Resources

Kate and Marc's sample data set → will open in google sheets, but choose download as an excel file!

NAAHP Blog: Creating an MCAT/GPA matrix

NAAHP-Ed: Harnessing the Power of Application Data

AAMC How to get the most out of AIS



THANKS

Do you have any questions?

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CREDITS: This presentation template was created by Slidesgo, including icons by Flaticon, and infographics & images by Freepik