

## Module 3 Screenshots

```
Terminal Local x + v
ee015fa..d630510 main -> main

(.venv) ssankura@mac module_3 % python3 query_data.py
Applicant count: 4735
Percent International: 44.23
Average GPA: 3.797, Average GRE: 279.682, Average GRE V: 161.238, Average GRE AW: 4.202
Average GPA American: 3.811
Acceptance percent: 50.0
Average GPA Acceptance: 3.78
JHU Masters Computer Science count: 1
Accepted PhD CS count: 2
Raw field accepted count: 0

Physics PhD 251
Chemistry PhD 248
Clinical Psychology PhD 217
Sociology PhD 181
English PhD 143
Average GPA International: 3.777
```

```
(.venv) ssankura@mac module_3 % python3 run.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 480-556-004
```

```
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* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
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* Debugger is active!
* Debugger PIN: 480-556-004
127.0.0.1 - - [09/Feb/2026 09:41:22] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [09/Feb/2026 09:41:22] "GET /static/styles.css HTTP/1.1" 304 -
127.0.0.1 - - [09/Feb/2026 09:41:29] "POST /pull-data HTTP/1.1" 302 -
127.0.0.1 - - [09/Feb/2026 09:41:29] "GET /analysis HTTP/1.1" 200 -
127.0.0.1 - - [09/Feb/2026 09:41:29] "GET /static/styles.css HTTP/1.1" 304 -
127.0.0.1 - - [09/Feb/2026 09:41:33] "GET /analysis HTTP/1.1" 200 -
127.0.0.1 - - [09/Feb/2026 09:41:33] "GET /static/styles.css HTTP/1.1" 304 -
127.0.0.1 - - [09/Feb/2026 09:41:49] "POST /update-analysis HTTP/1.1" 302 -
127.0.0.1 - - [09/Feb/2026 09:41:50] "GET /analysis HTTP/1.1" 200 -
127.0.0.1 - - [09/Feb/2026 09:41:50] "GET /static/styles.css HTTP/1.1" 304 -
127.0.0.1 - - [09/Feb/2026 09:41:52] "GET /analysis HTTP/1.1" 200 -
127.0.0.1 - - [09/Feb/2026 09:41:52] "GET /static/styles.css HTTP/1.1" 304 -
```

# Grad School Cafe Data Analysis

Update Analysis Pull Data

## Analysis

How many entries do you have in your database who have applied for Fall 2026?

Answer: Applicant count: 4735

What percentage of entries are from International students (not American or Other) (to two decimal places)?

Answer: Percent International: 44.23%

What is the average GPA, GRE, GRE V, GRE AW of applicants who provided these metrics?

Answer: Average GPA: 3.797, Average GRE: 279.682, Average GRE V: 161.238, Average GRE AW: 4.202

What is the average GPA of American students in Fall 2026?

Answer: Average GPA American: 3.811

What percent of entries for Fall 2025 are Acceptances (to two decimal places)?

Answer: Acceptance percent: 50.0%

What is the average GPA of applicants who applied for Fall 2026 who are Acceptances?

Answer: Average GPA Acceptance: 3.78

How many entries are from applicants who applied to JHU for a masters degree in Computer Science?

## Grad School Cafe Data Analysis

Update Analysis

Pull Data

Pull Data started.

### Analysis

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**Answer:** Applicant count: **4735**

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**Answer:** Percent International: **44.23%**

**What is the average GPA, GRE, GRE V, GRE AW of applicants who provided these metrics?**

**Answer:** Average GPA: **3.797**, Average GRE: **279.682**, Average GRE V: **161.238**, Average GRE AW: **4.202**

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**Answer:** Average GPA American: **3.811**

**What percent of entries for Fall 2025 are Acceptances (to two decimal places)?**

**Answer:** Acceptance percent: **50.0%**

**What is the average GPA of applicants who applied for Fall 2026 who are Acceptances?**

**Answer:** Average GPA Acceptance: **3.78**

# Grad School Cafe Data Analysis

Update Analysis Pull Data

Update Analysis started. Writing logs to pull\_data.log.

## Analysis

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Answer: Average GPA: 3.797, Average GRE: 279.682, Average GRE V: 161.238, Average GRE AW: 4.202

What is the average GPA of American students in Fall 2026?

Answer: Average GPA American: 3.811

What percent of entries for Fall 2025 are Acceptances (to two decimal places)?

Answer: Acceptance percent: 50.0%

What is the average GPA of applicants who applied for Fall 2026 who are Acceptances?

Answer: Average GPA: 3.75