

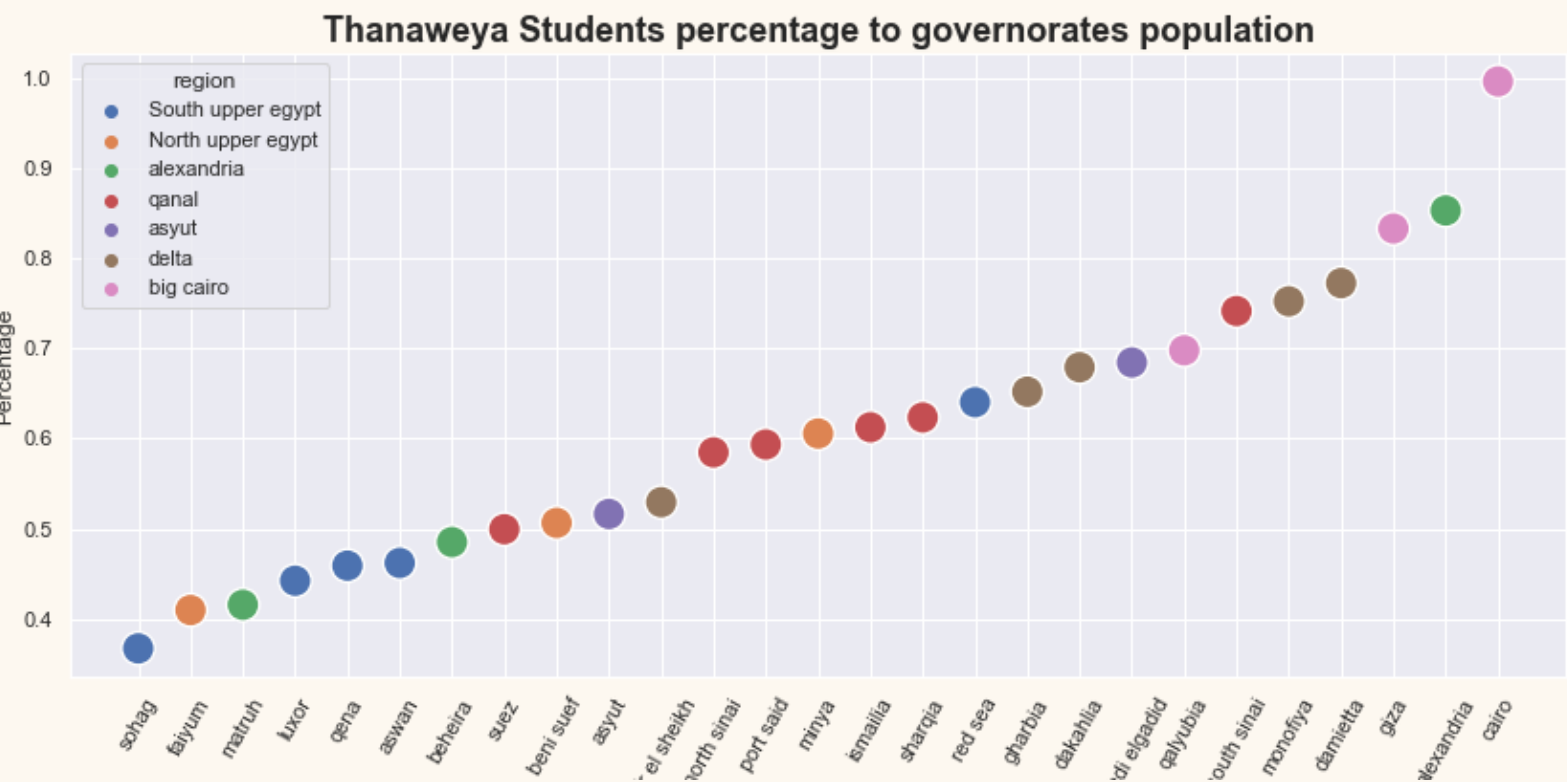
DATA ANALYSIS PROJECT

# EGYPT High School grades 2022

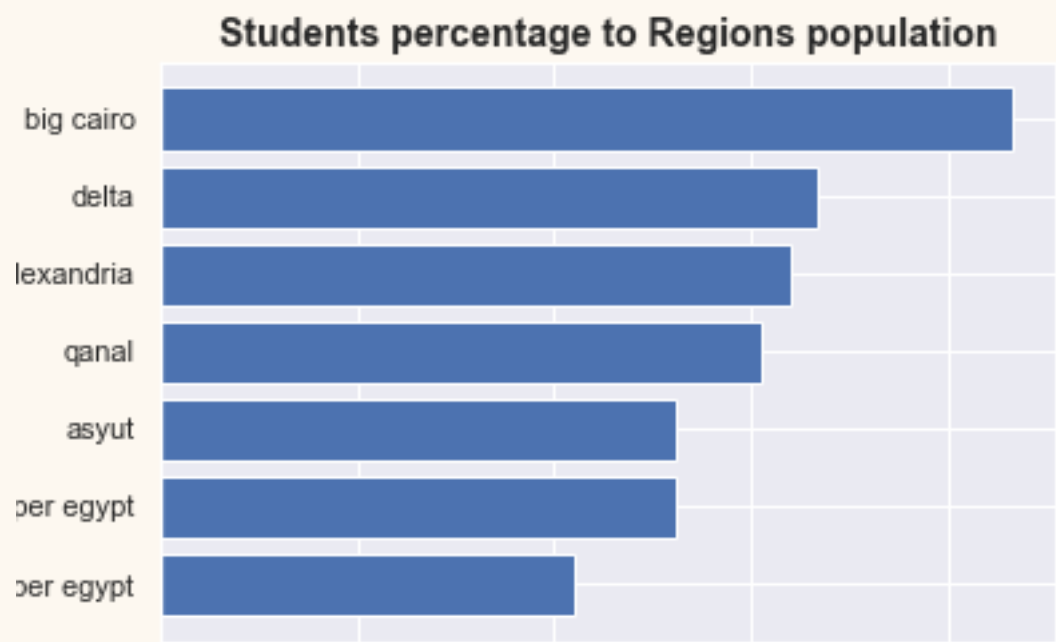


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# Students percentage To Governorates Population

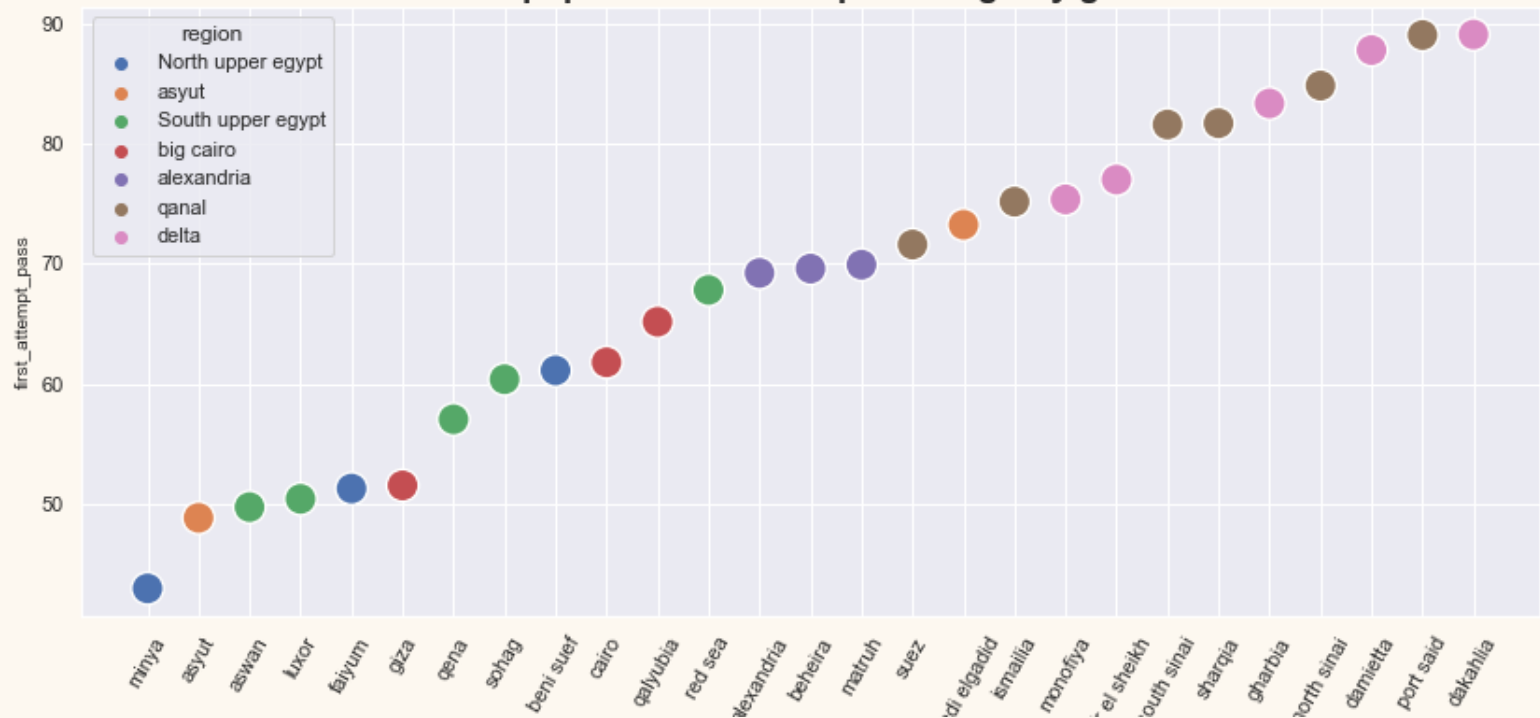


- 4 out of lower 6 governorates is from South upper egypt  
and big cairo far away with 1% of its population Thanaweya Students



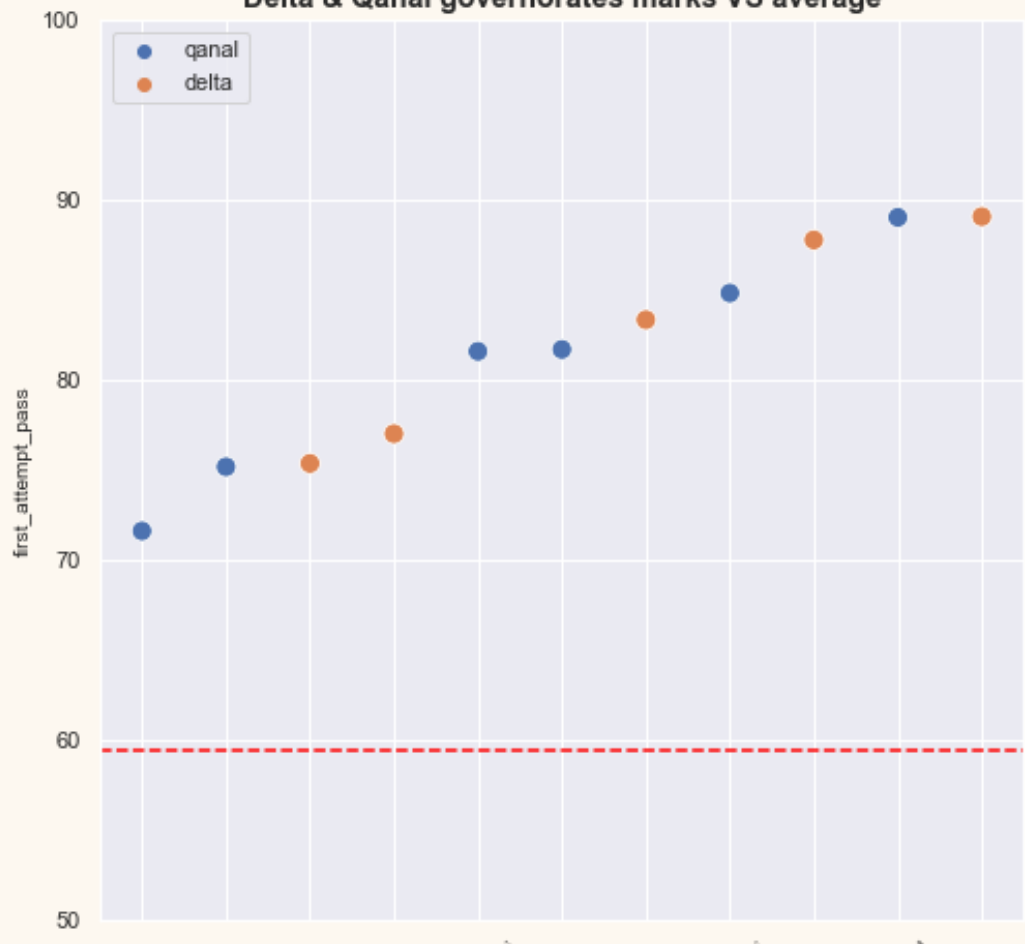
- upper egypt regions (south upper egypt, North upper egypt, asyout) has lowest student-to-population percentage

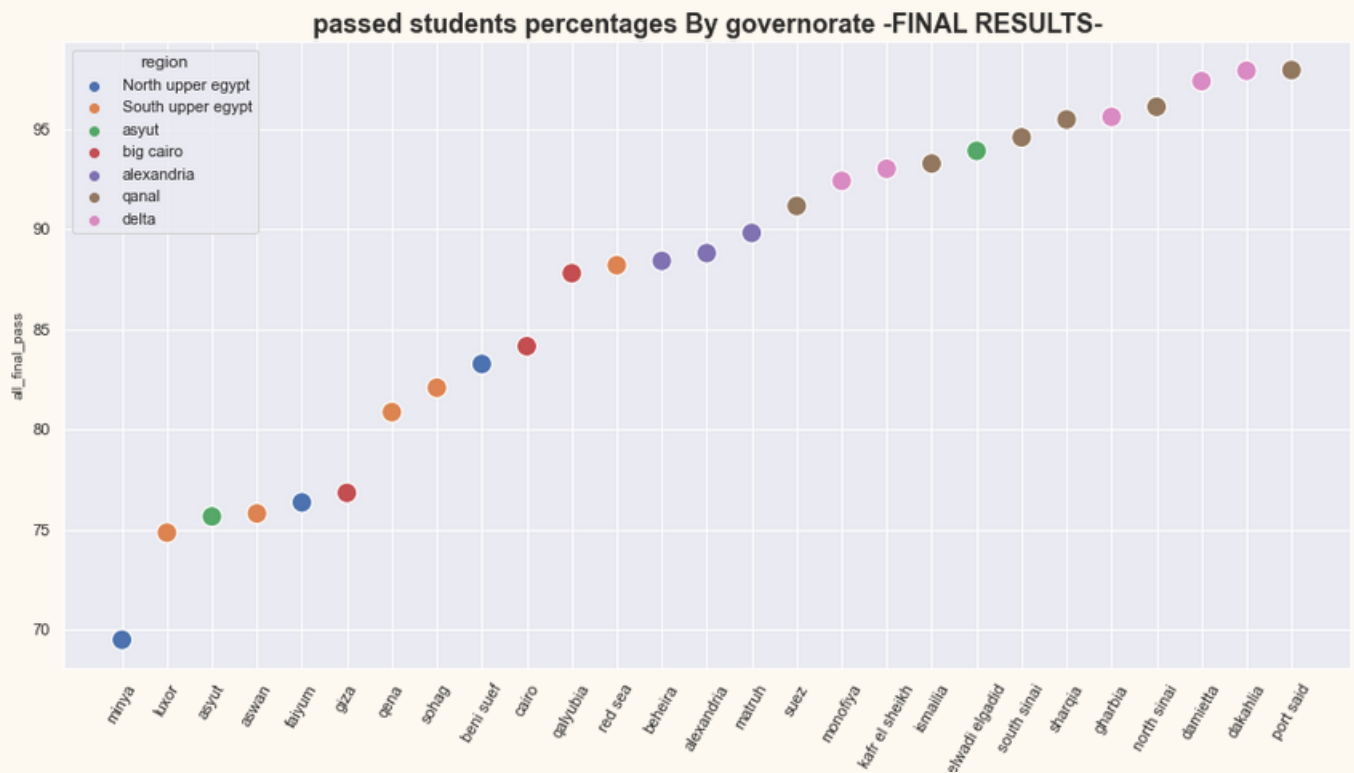
First Attempt passed students percentage By governorate



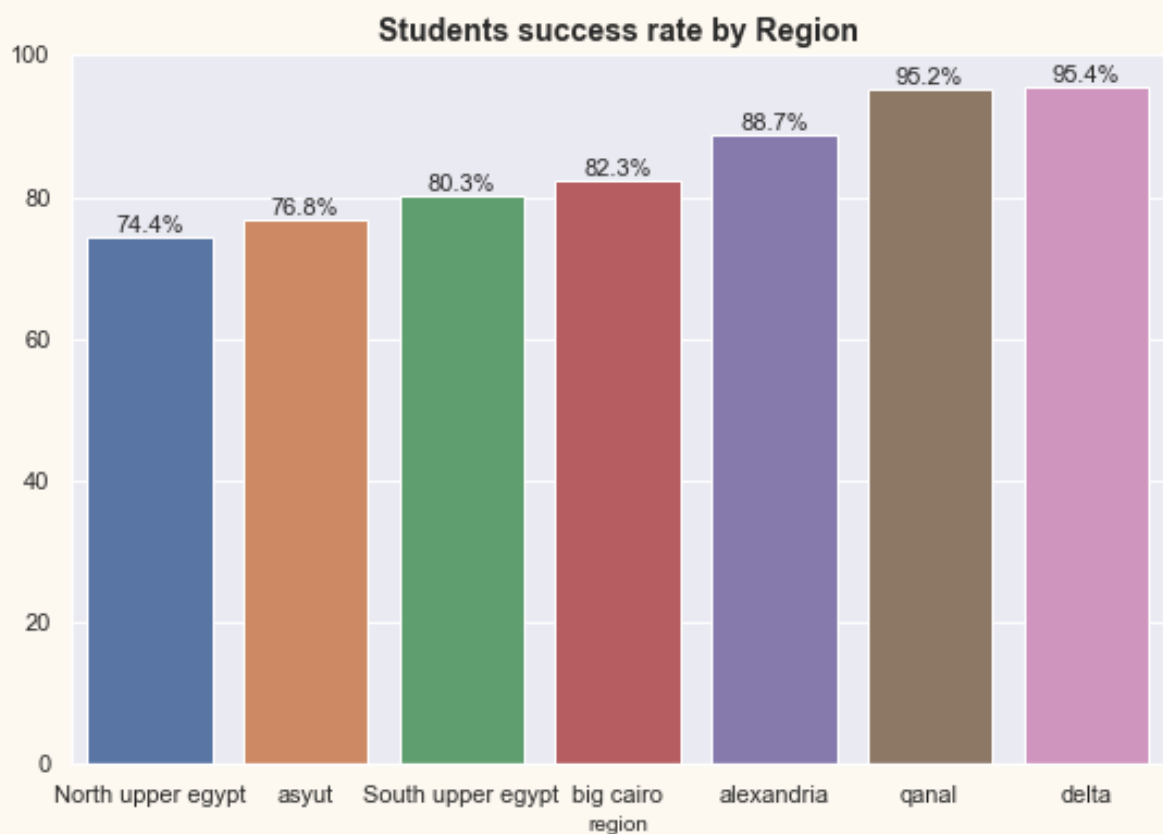
- Top 10 governorate all from Delta and Qanal regions
- only delta and qanal has governorates with 75% success rate
- giza on worst 5 governorates and cairo in worst 10 list
- only minya and asyout success rate less than 50%

Delta & Qanal governorates marks VS average





- All Delta and Qanal governorates success rate +91%
- Minya governorate from North upper egypt has lower success rate (under 70%)



	region	governorate	literary_per
1	big cairo	giza	47.86
0	big cairo	cairo	46.00
2	big cairo	qalyubia	44.43
3	alexandria	alexandria	43.23

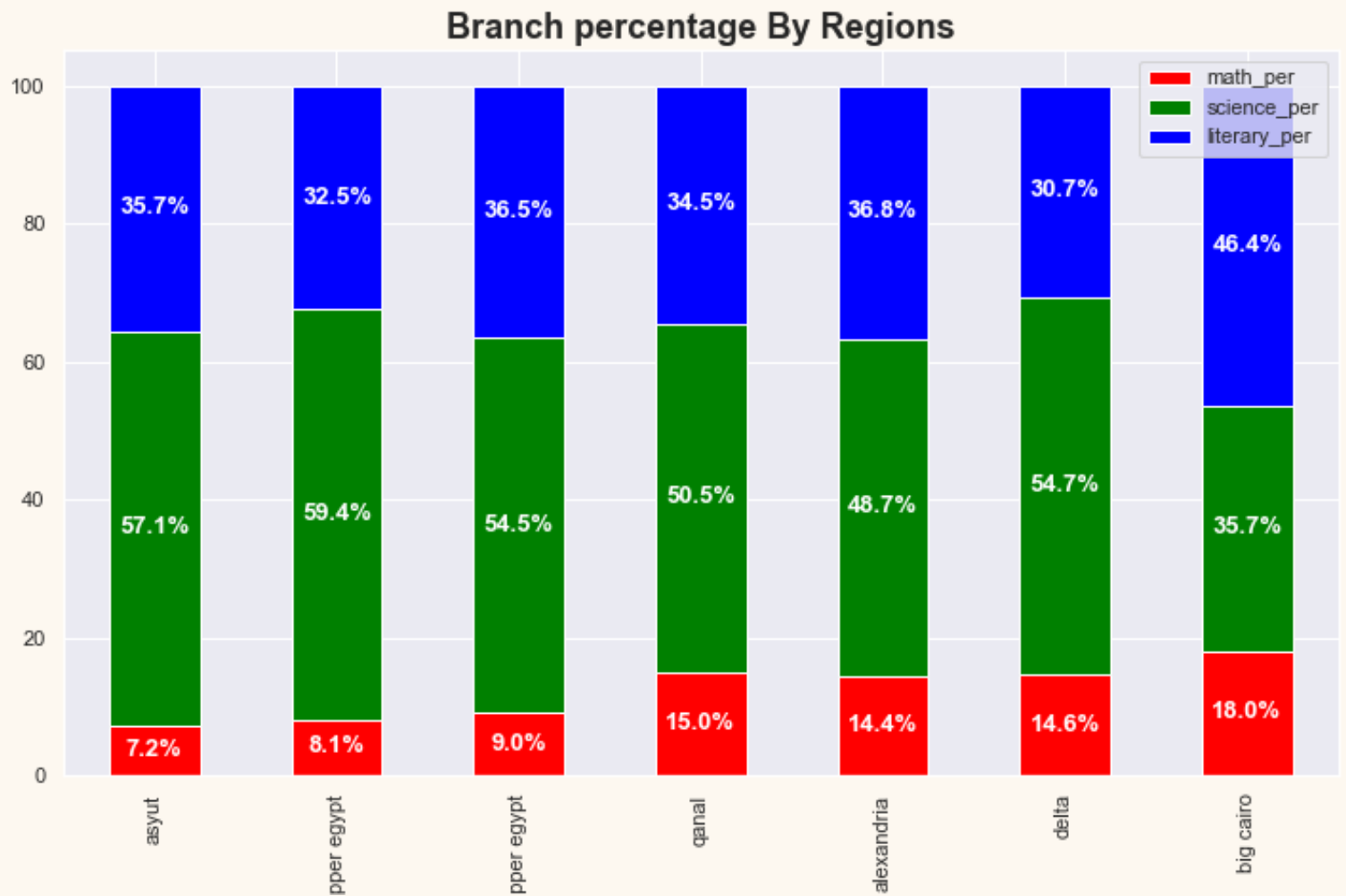
- great cairo 3 governorates are top 3 governorates studies literary with 46% compared to 35% average

	region	governorate	science_per
16	qanal	north sinai	74.64
4	alexandria	beheira	65.60
7	delta	kafr el sheikh	64.98
25	South upper egypt	aswan	62.49

- 75% of north sinai studies science branch compared to 51% average

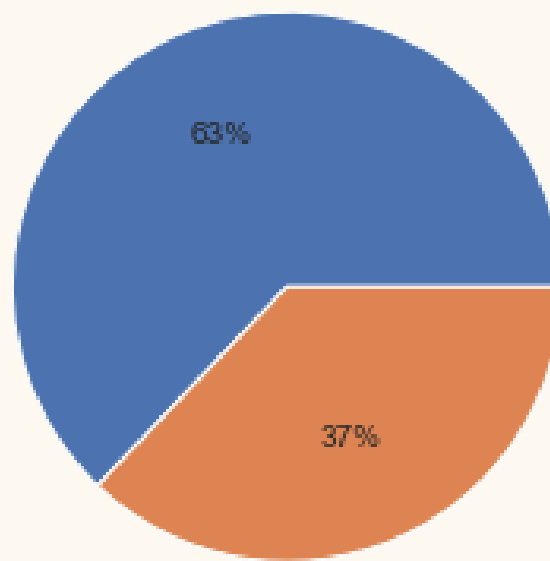
	region	governorate	math_per
13	qanal	suez	24.25
11	qanal	port said	22.76
0	big cairo	cairo	20.60
3	alexandria	alexandria	20.01

- A quarter of suez students studies mathematics branch 'Double of The other governorates average'

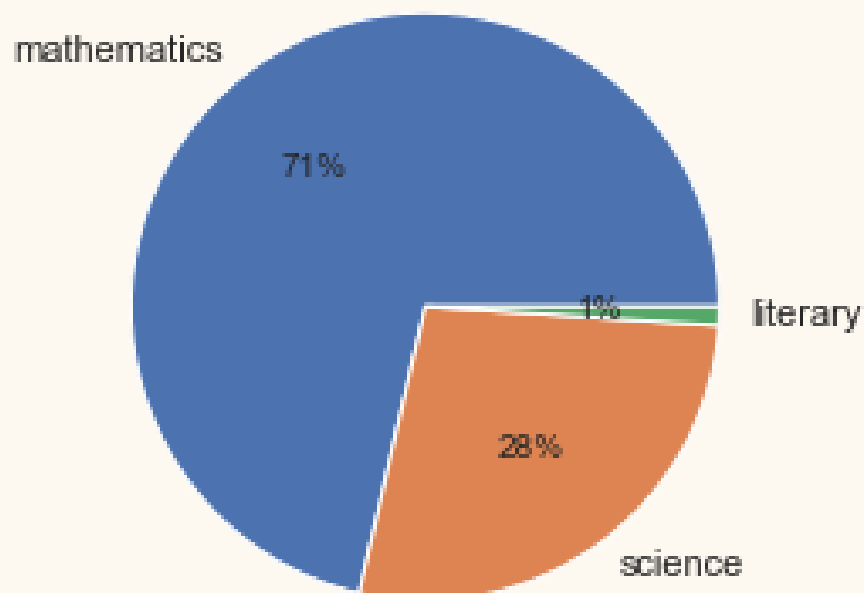


- upper egypt regions not prefare mathematics branch with only 8% compared to 15% average
- great cairo regions (cairo, giza, qalyubia) prefare to study literary with 46% compared to 35% average
- great cairo are lowest region studies science with only 35% compared to 51% average

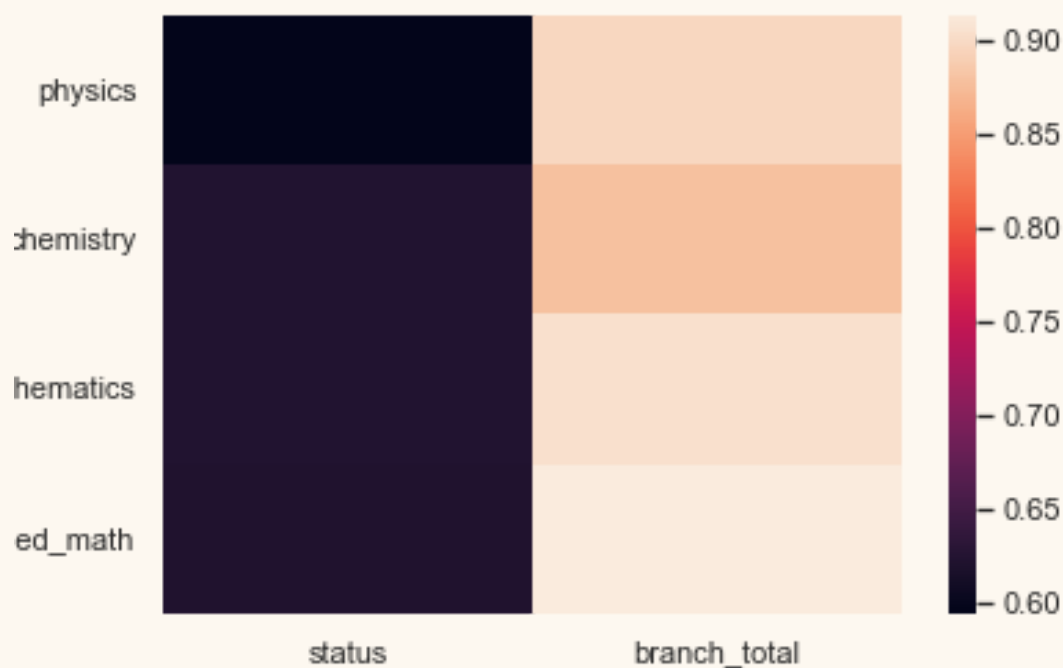
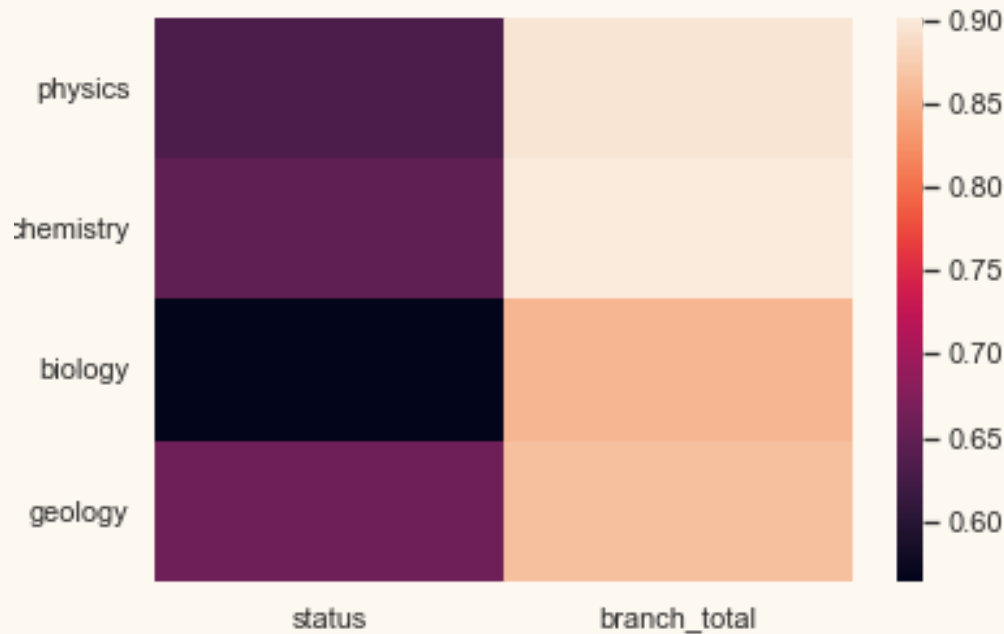
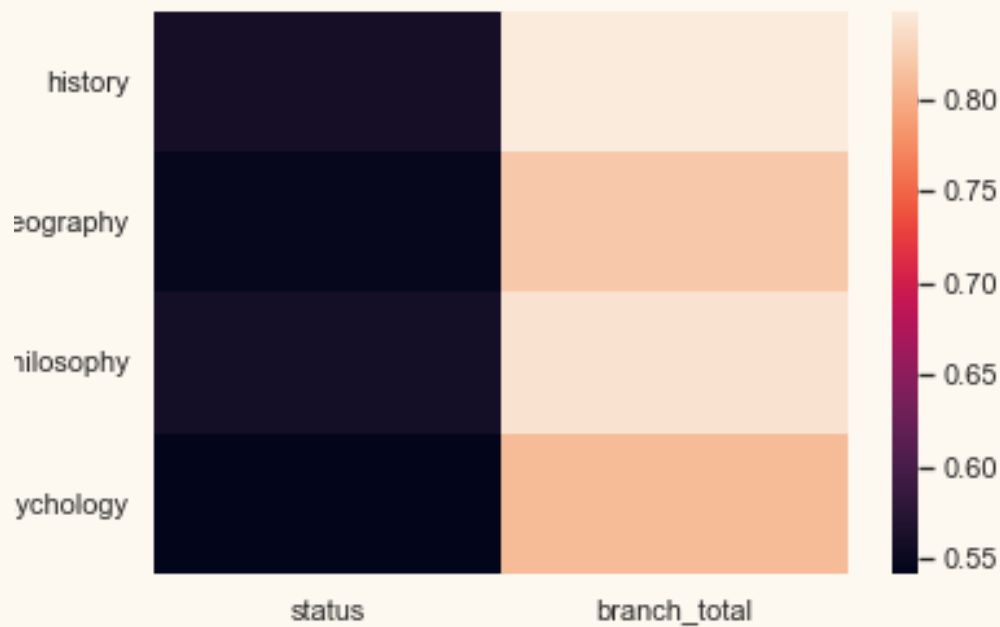
### Top 1% students by Gender



### Top 1% students by Branch



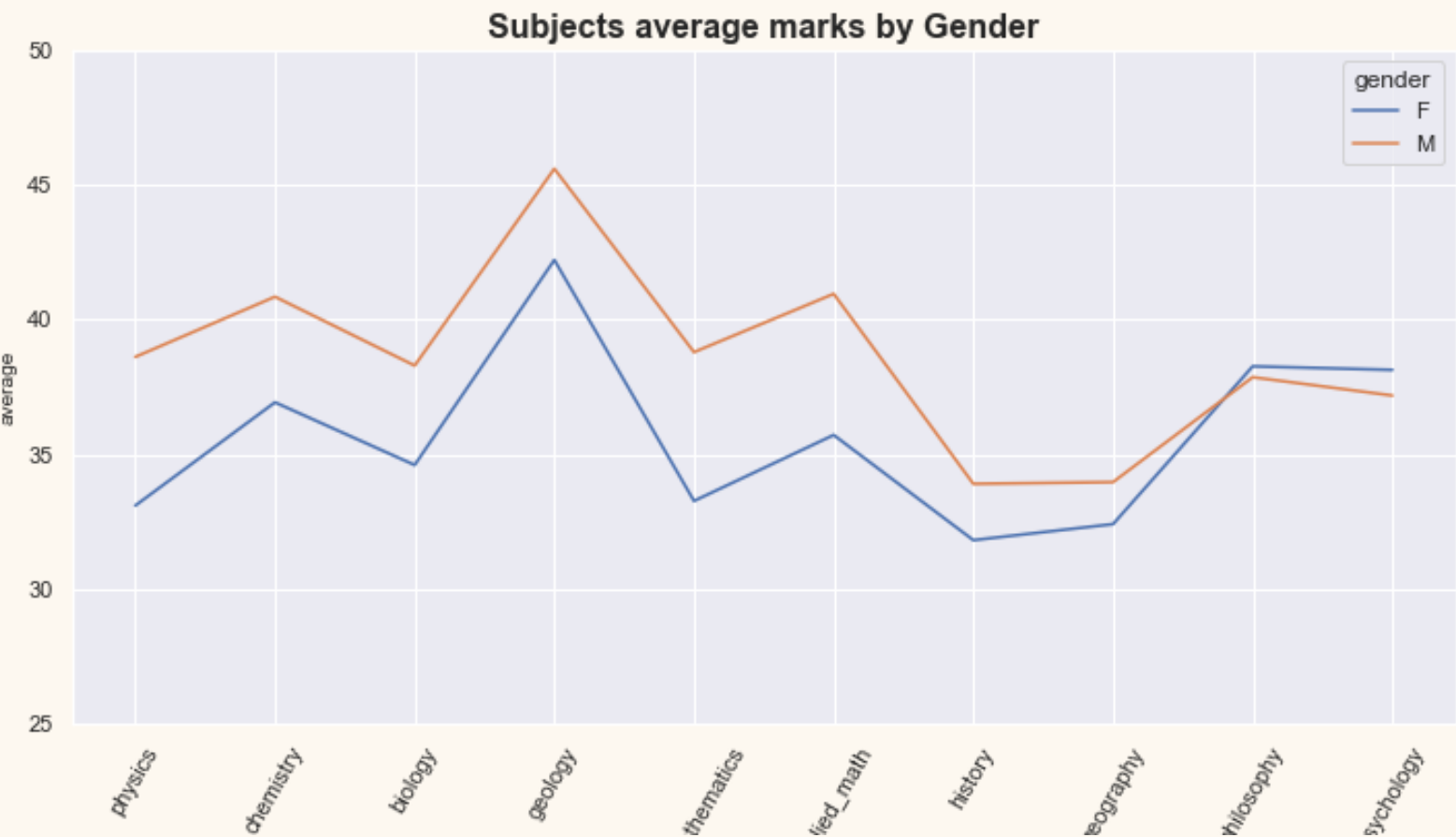
- Top 1% = **6789** students



**With slight difference, i see the following:**

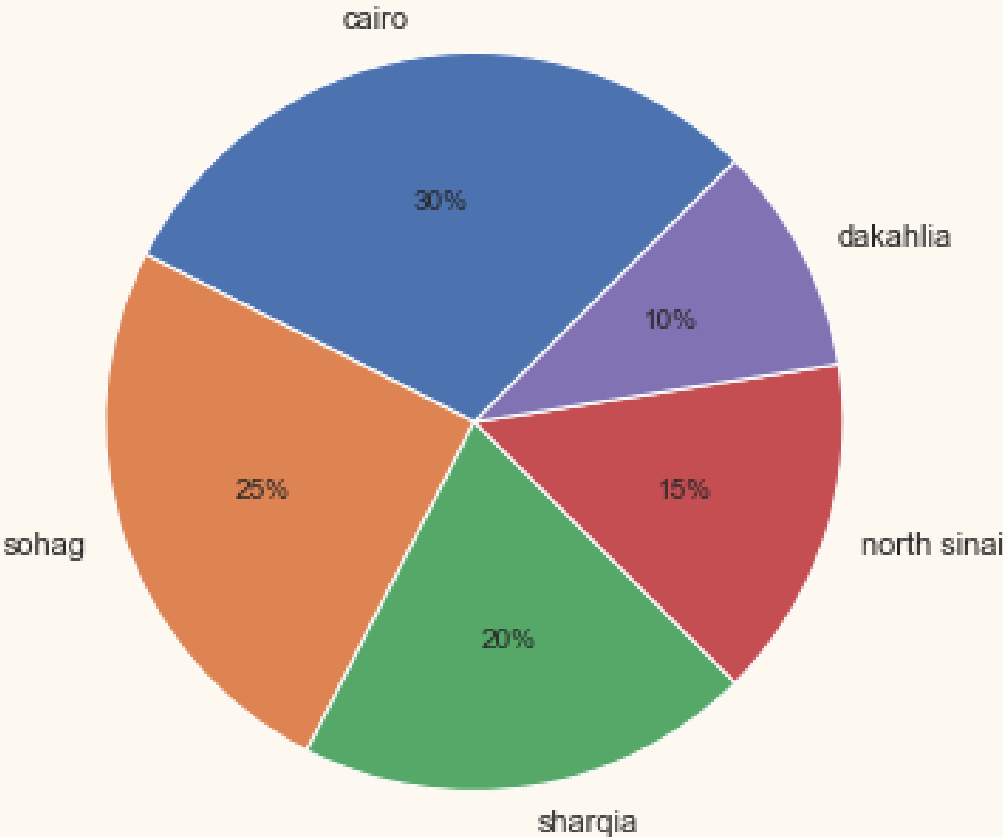
- History subject is the most important in Literary branch
- Chemistry subject is the most important in Science branch
- Applied Math subject is the most important in Mathematics branch



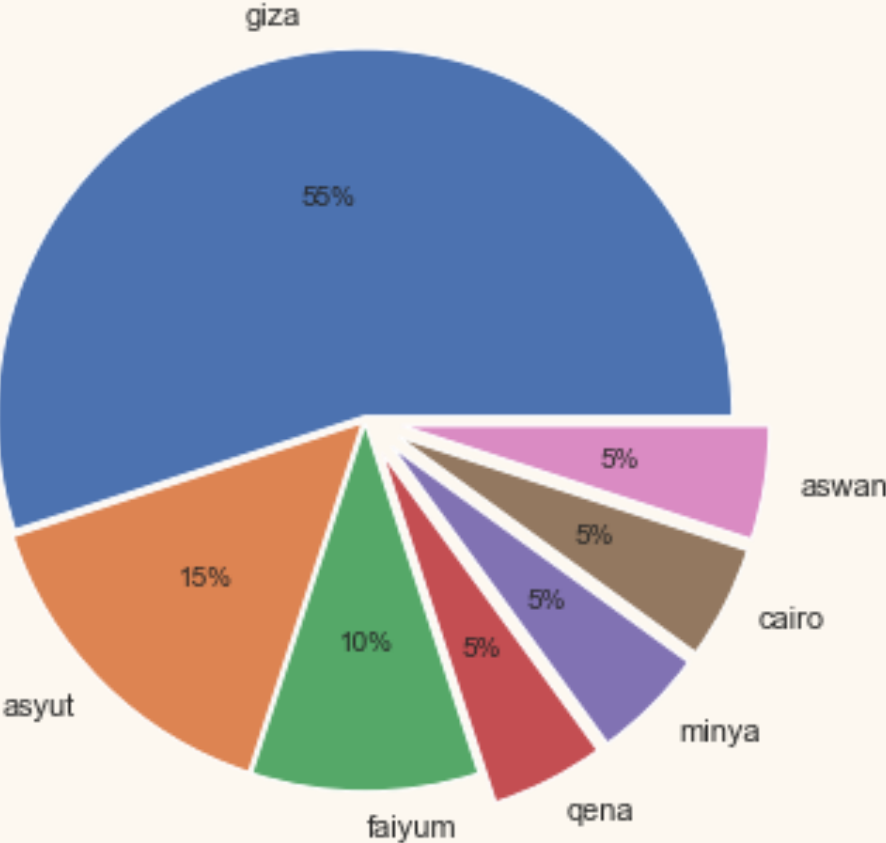


- Females outperform Males only in 2 subjects (philosophy, psychology) both in Literary branch
- Males are much better in chemistry, pure\_mathematics, applied\_math
- History are hardest subject for both genders and geology are the easiest

Best 20 schools Distribution among the governorates



Worst 20 schools Distribution among the governorates



Real World  
AI Project

# Certificate

of completion  
is given to

**abdelrahman Midhat**

Collaborator

**DESCRIPTION:** Collaborators get these credentials for their active participation in solving real-world problems using data science and AI.

## Project title

Giza, Egypt Chapter - Building a Data Analysis System for the High School  
Final Exams in Egypt

