

My 2nd Project



Introduction

Today I'm going to analyze Jobs and Salaries in Data Science datasets that I just got in Kaggle

Here is the link to the dataset:

<https://www.kaggle.com/datasets/hummaamqaasim/jobs-in-data/data>

Jobs and Salaries in

Salary Trends in Data-Related Careers

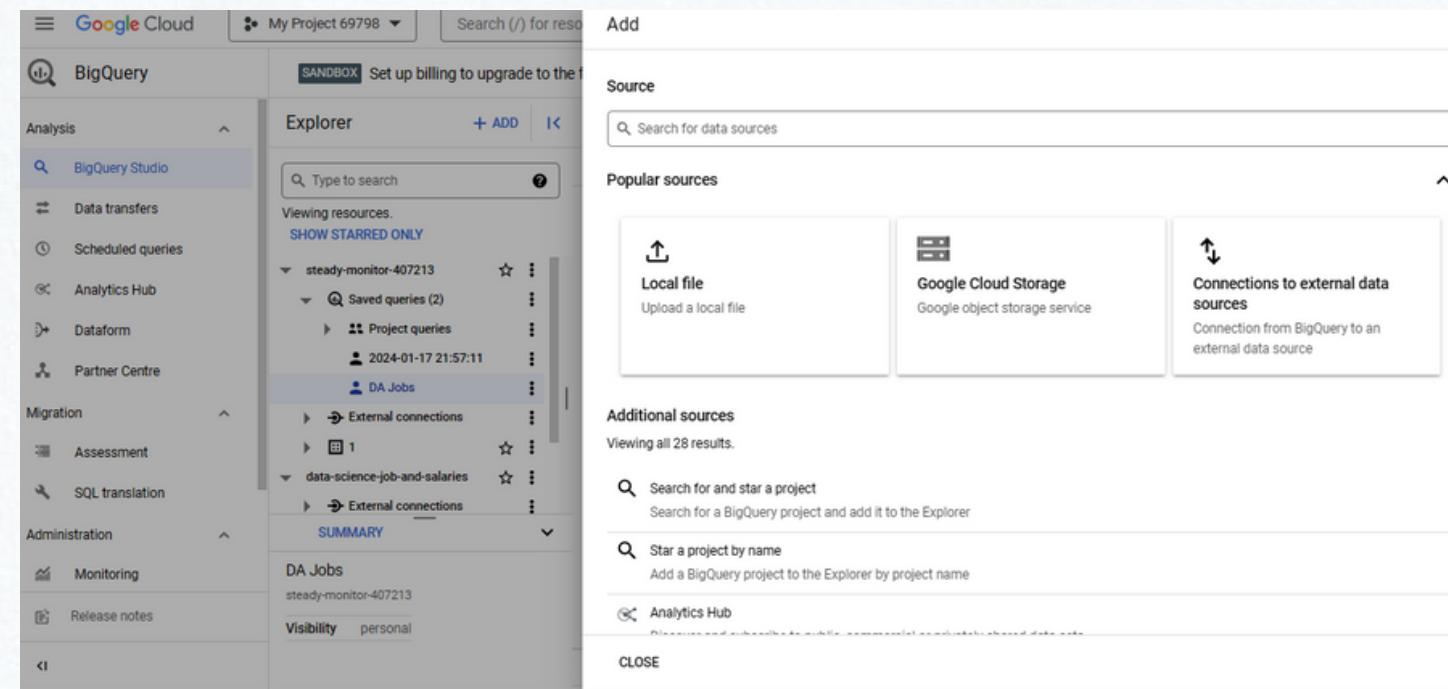
Data Card Code (28) Discussion (0)

About Dataset

work_year: The year in which the data was recorded. data, important for understanding salary trends over

job_title: The specific title of the job role, like 'Data S

Prologue



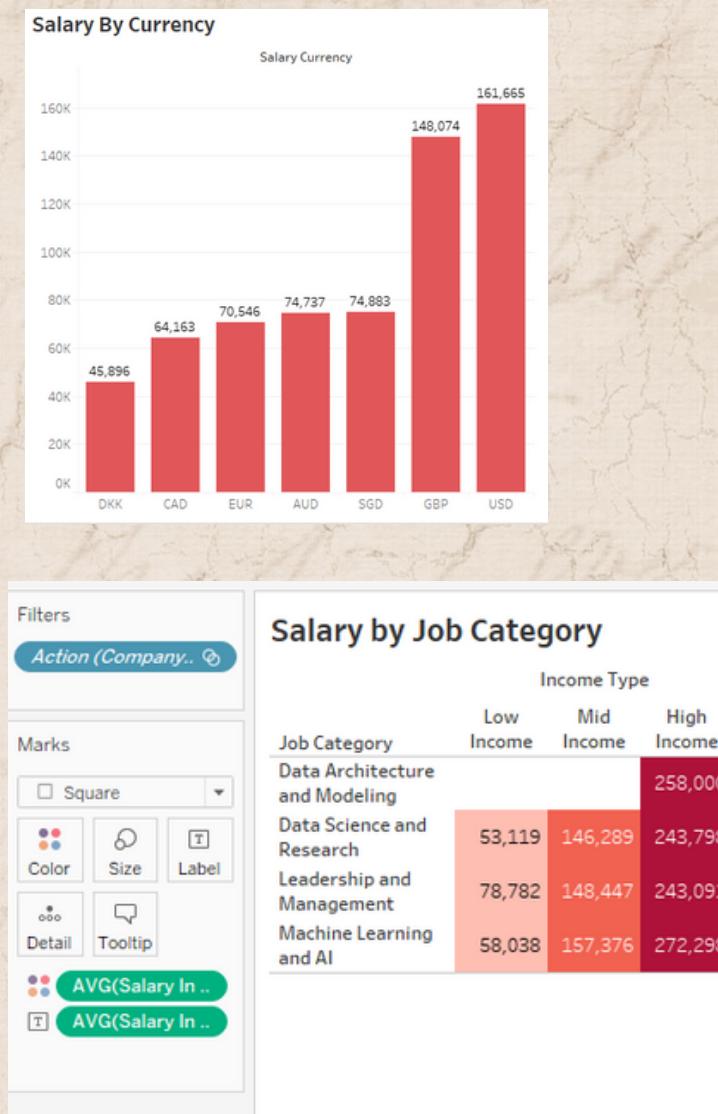
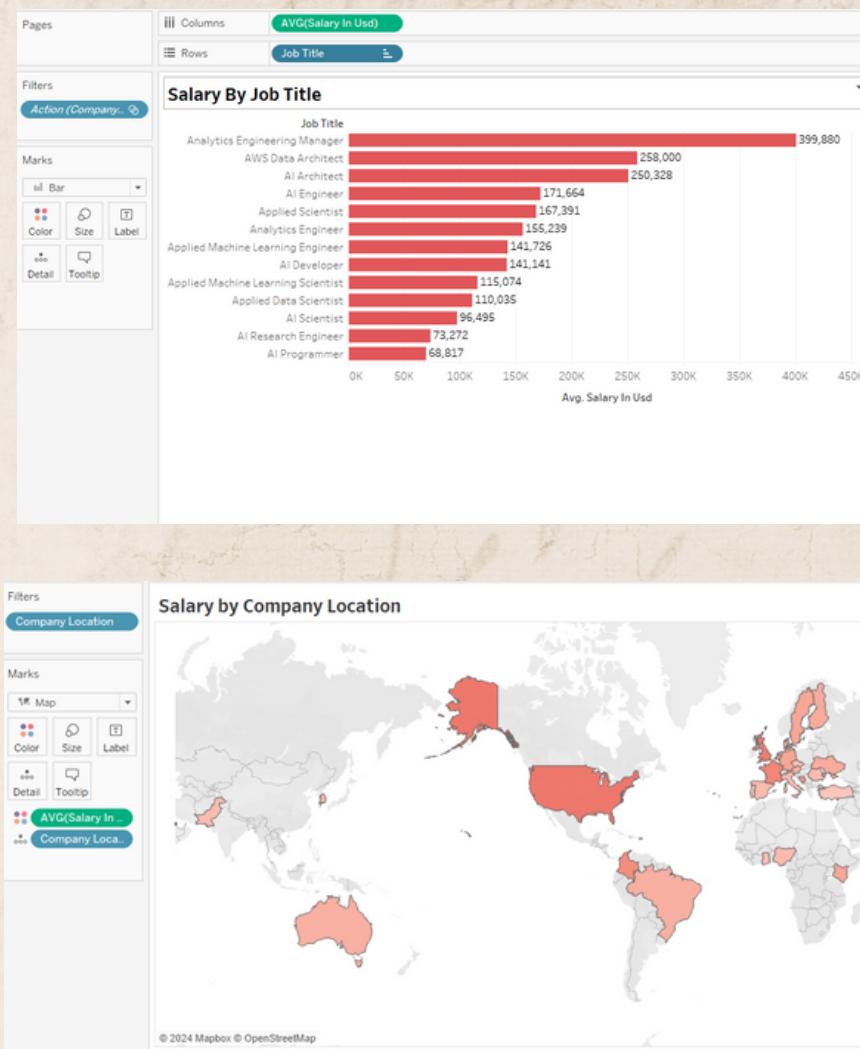
To begin with, I started downloading the file into CSV first and then I insert the file into Google Big Query

Then, I started cleaning and manipulating the data to take all the data that I need to analyze for

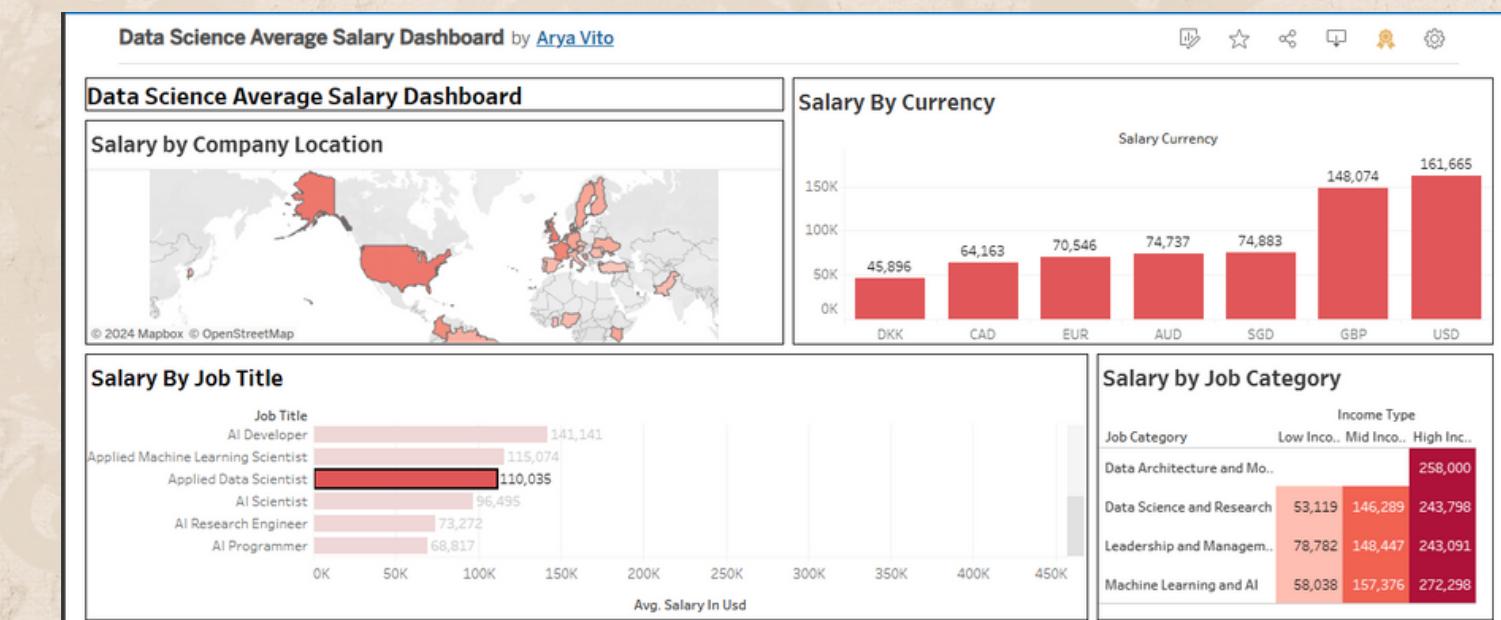


```
1 WITH Jobs AS (
2     SELECT *
3     FROM `data-science-job-and-salaries.MainData.Main`
4 )
5
6 SELECT
7     job_title,
8     job_category,
9     salary,
10    salary_in_usd,
11    sum(salary_in_usd) over (partition by job_title) as sum_salary,
12    salary_currency,
13    employee_residence,
14    employment_type,
15    company_location,
16    CASE
17        WHEN salary_in_usd <= 100000 THEN 'Low Income'
18        WHEN salary_in_usd BETWEEN 100000 AND 200000 THEN 'Mid Income'
19        WHEN salary_in_usd >= 200000 THEN 'High Income'
20        Else 'No Income'
21    END as income_type
22 FROM Jobs
23 ORDER BY job_title LIMIT 500
```

After that, I ran into Tableau Public for visualizing the data one by one



The Dashboard



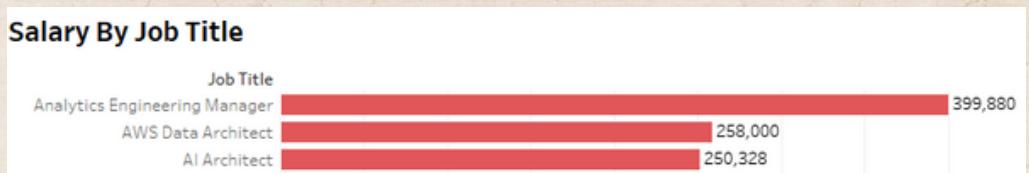
Here is the link:

https://public.tableau.com/views/DataScienceAverageSalaryDashboard/DashBoard?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Conclusion

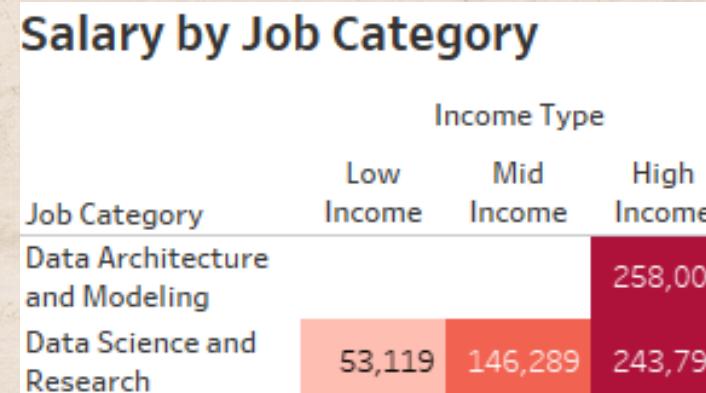
Job Title

Analytics Engineering Manager (399,880 USD) has the highest average salaries among all other job title



Job Category

From all of the income types, Data Architecture and Modelling is the one that has only high income avg salary (258,000 USD) . This could be beneficial for someone who want to apply for jobs



Currency

USD (161,665 USD) and GBP (148,074 USD) have the most amount of avg salary that can be provided in the data and the least is DKK (45,896 USD)



Conclusion

Company Location

Avg salary in US has the highest value (166,648 USD). So, United States could be the place to seek for Data Science related jobs





Thank
you