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

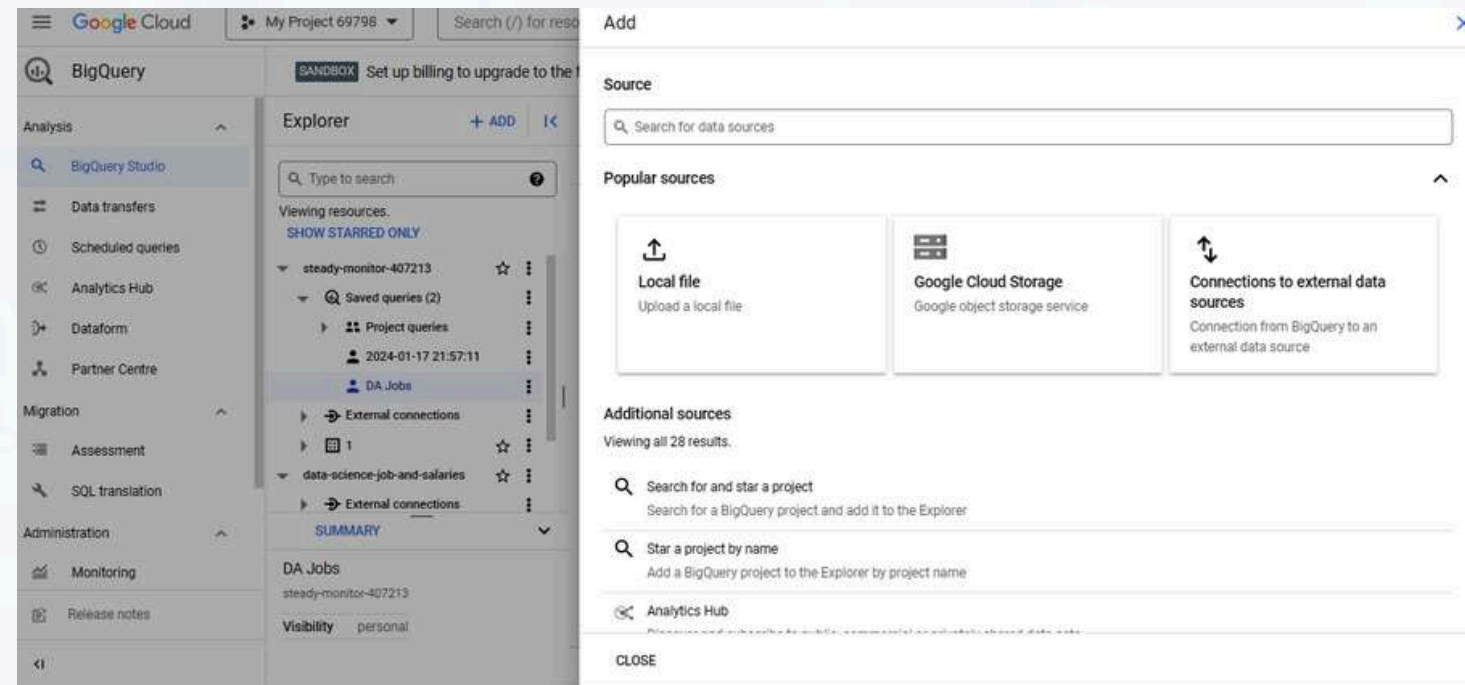Salary Trends in Data-Related Careers

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

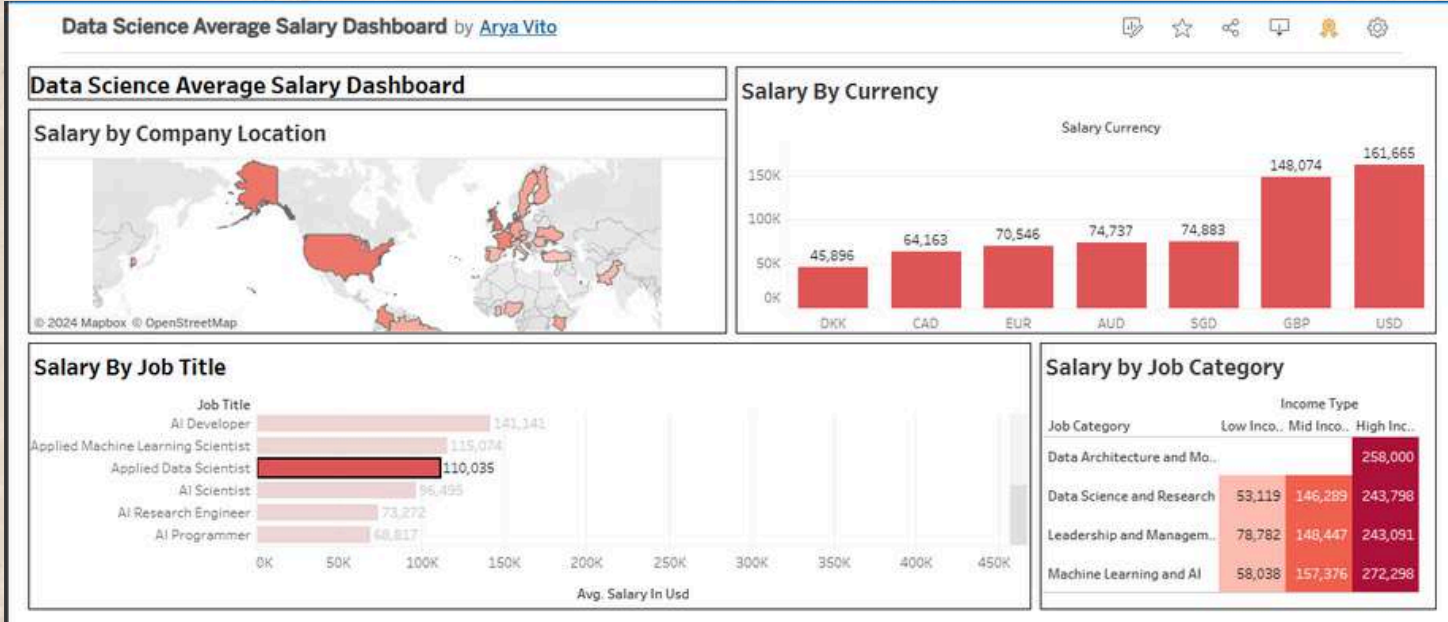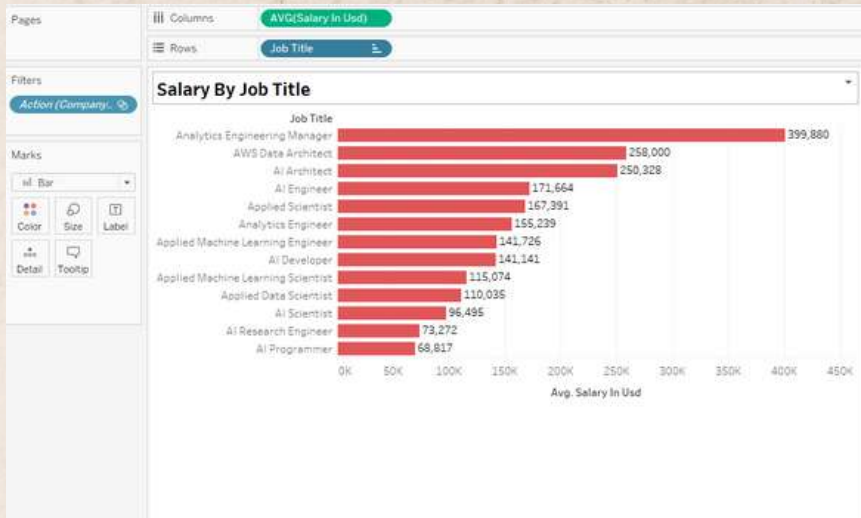**job_title**: The specific title of the job role, like 'Data S

Prologue

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

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

```sql
WITH Jobs AS (
  SELECT *
  FROM `data-science-job-and-salaries.MainData.Main`
)

SELECT
    job_title,
    job_category,
    salary,
    salary_in_usd,
    sum(salary_in_usd) over (partition by job_title) as sum_salary,
    salary_currency,
    employee_residence,
    employment_type,
    company_location,
  CASE
    WHEN salary_in_usd <= 100000 THEN 'Low Income'
    WHEN salary_in_usd BETWEEN 100000 AND 200000 THEN 'Mid Income'
    WHEN salary_in_usd >= 200000 THEN 'High Income'
    Else 'No Income'
  END as income_type
FROM Jobs
ORDER BY job_title  LIMIT 500
```
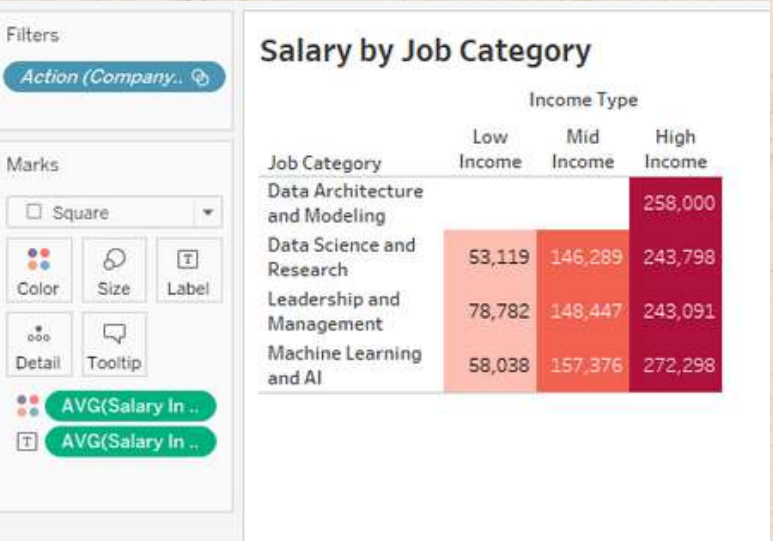
After that, I ran into Tableau Public for visualizing the data one by one

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

Salary by Company Location