New york city Current job posting analysis

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OBJECTIVES

- To identify the most wanted career areas
- To calculate the average annual salary
- To discover the frequency of job postings monthly and yearly
- To find out 'coffee shops' nearby for hanging out in NY
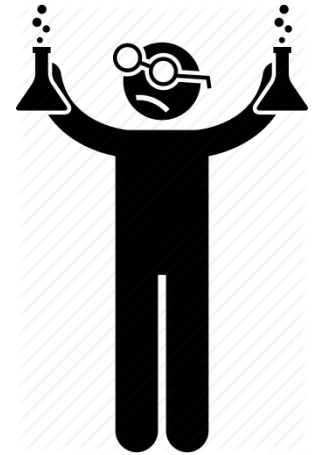
Data collection

- The data was derived from https://www.kaggle.com/new-york-city/new-york-city-current-job-postings
- This dataset contains current job postings available on the City of New York's official jobs site.
- Internal postings available to city employees and external postings available to the general public are included.

Data pre-processing

- All data concerning hourly payments were excluded
- All missing values were excluded
- Dataframes were structured individually based on their necessities
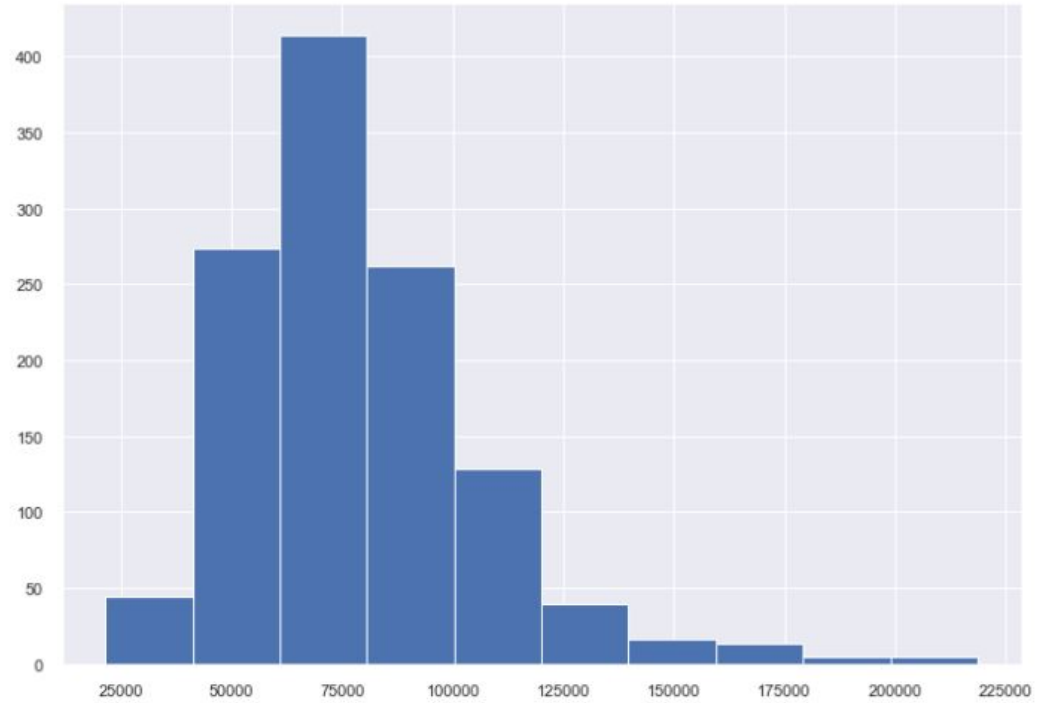- All data manipulation techniques were performed under **Pandas** library

METHODS

- Descriptive statistics
- Histograms
- Visualisation
  - Waffle
  - Bar
  - Heatmap

RESULTS

70,000 USD

The Average Salary in New York City (yearly)
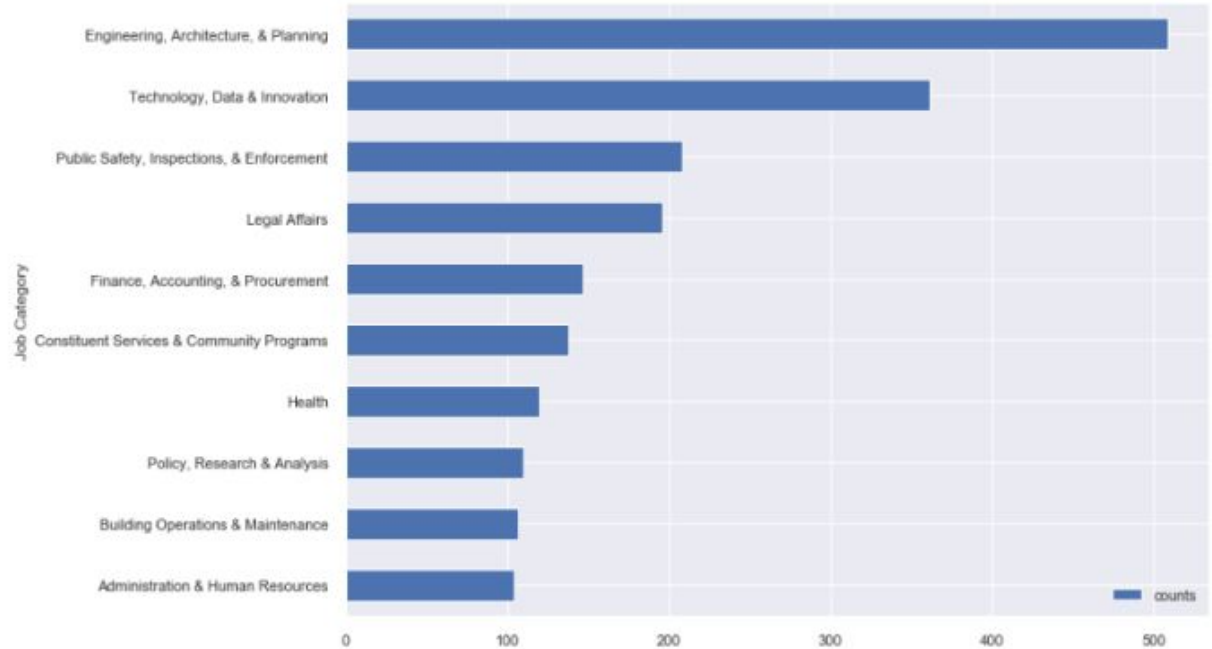
5000 - 6000 USD monthly payment

Product managers

are HIGHLY needed

Top 10 Wanted Positions

- Project Manager
- Assistant Civil Engineer
- ACCOUNTABLE MANAGER
- Engineering Technician I
- Director
- Assistant General Counsel
- Budget Analyst
- Community Coordinator
- Investigator
- Confidential Investigator

Most wanted areas

- Engineering (n>500)
- Technology
- Public Safety
- Legal Affairs
- Finance
- etc.

- May = 350
- June = 396
- **July = 693**

(2019)

Looking for a job? Try applying on **MAY**, **JUNE**, and **JULY**

Let's grab a good cup of coffee, NY.

Thank you