

Data Visualization using Data Science

Job Salaries Dataset

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Outline

- Purpose
- Dataset Characterization
- Possible Research Questions
- Some Preliminary Plots

Purpose

- The purpose of this project is to explore the "Data Science Job Salaries" dataset, and create visualizations that highlight key trends, patterns, and relationships in the data.

Dataset Characterization

The dataset used in this project is the "Data Science Job Salaries" dataset from Kaggle

(<https://www.kaggle.com/datasets/ruchi798/data-science-job-salaries>).

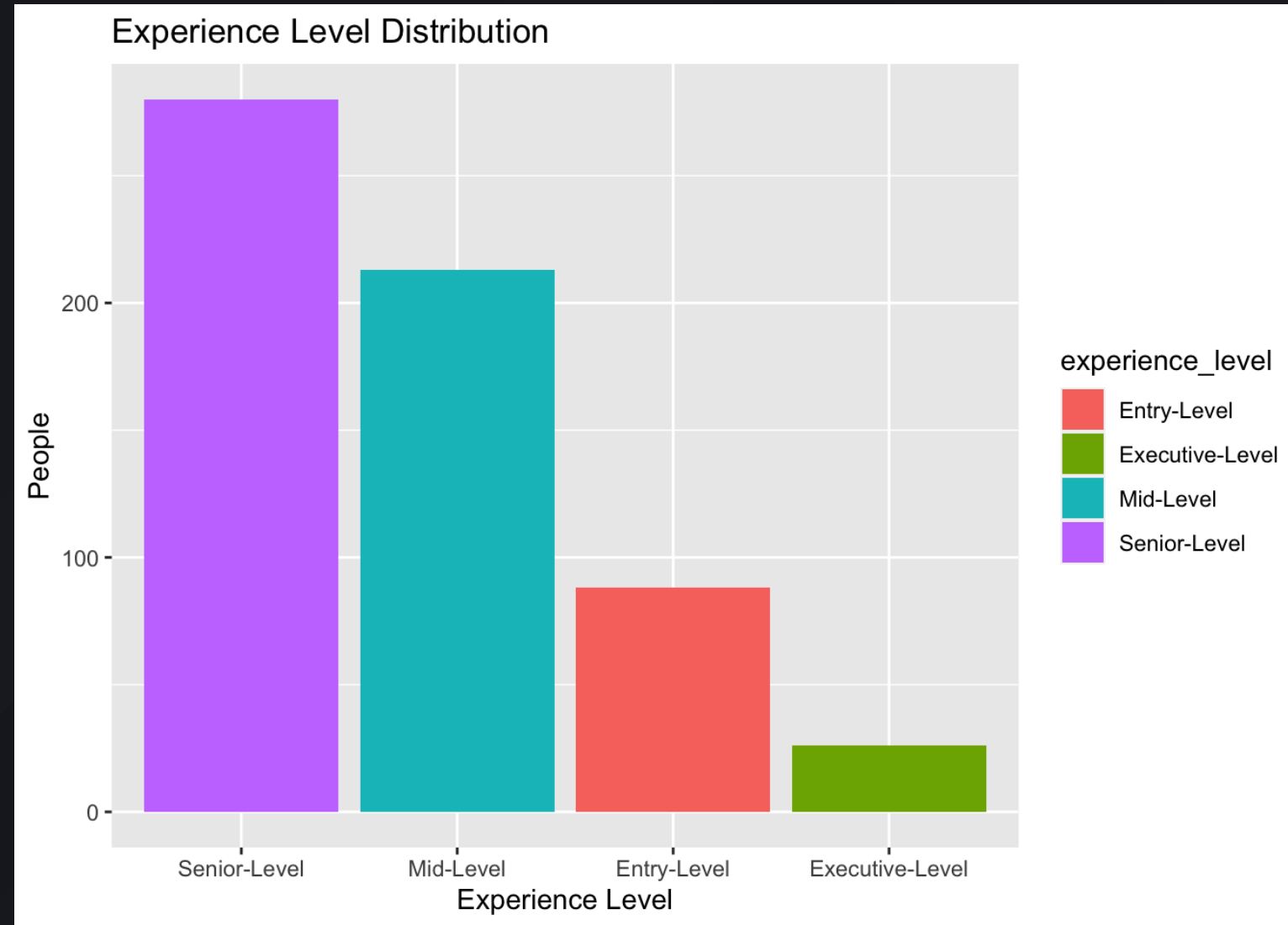
The dataset contains information on 607 data science job listings, including the salary, years of experience, and job type for each job.

Possible Research Questions

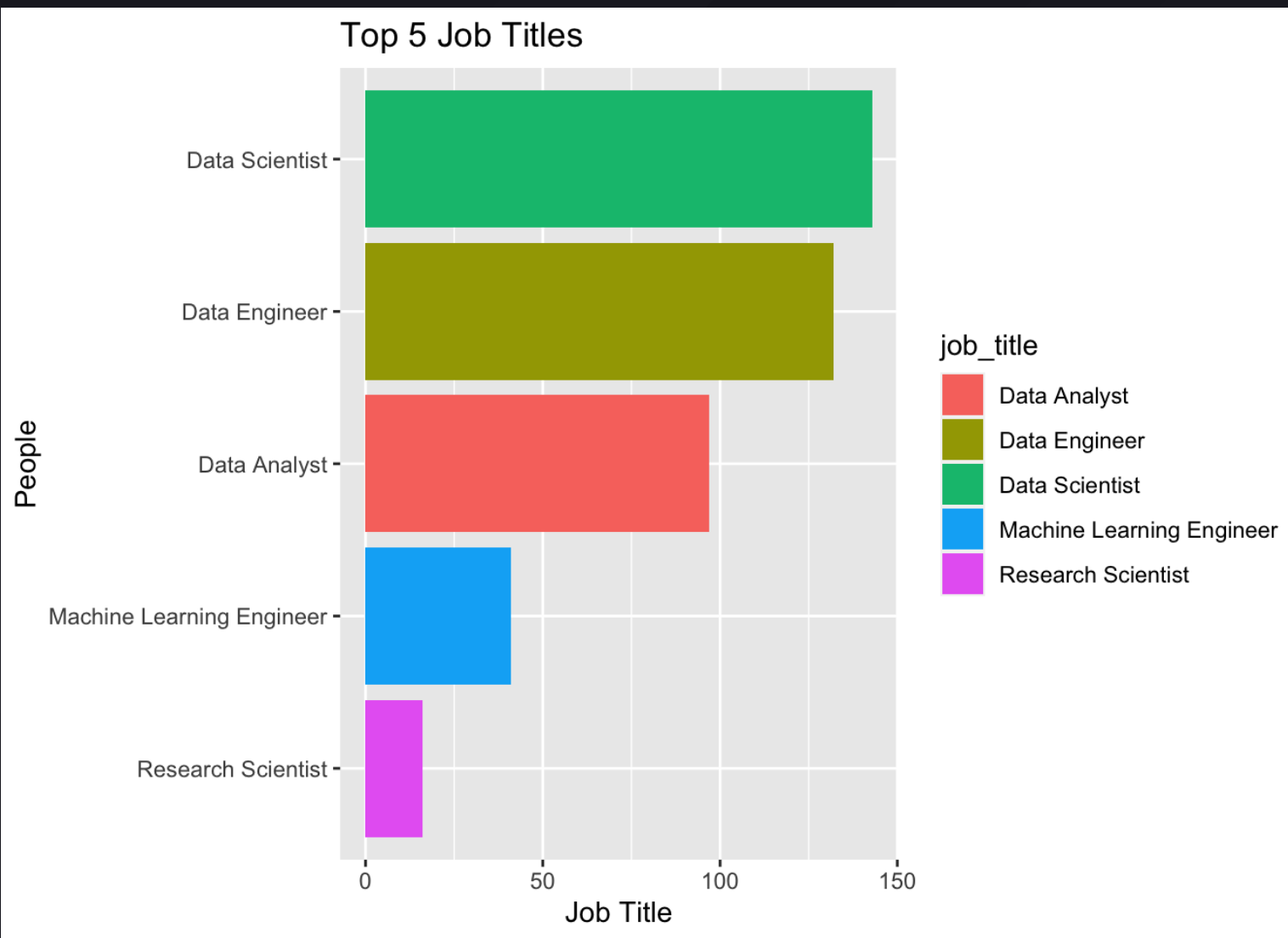
- What is the distribution of years of experience levels?
- What is the distribution of salaries by years of experience?
- What is the distribution of salaries by job types?
- What is the distribution of salaries by countries?

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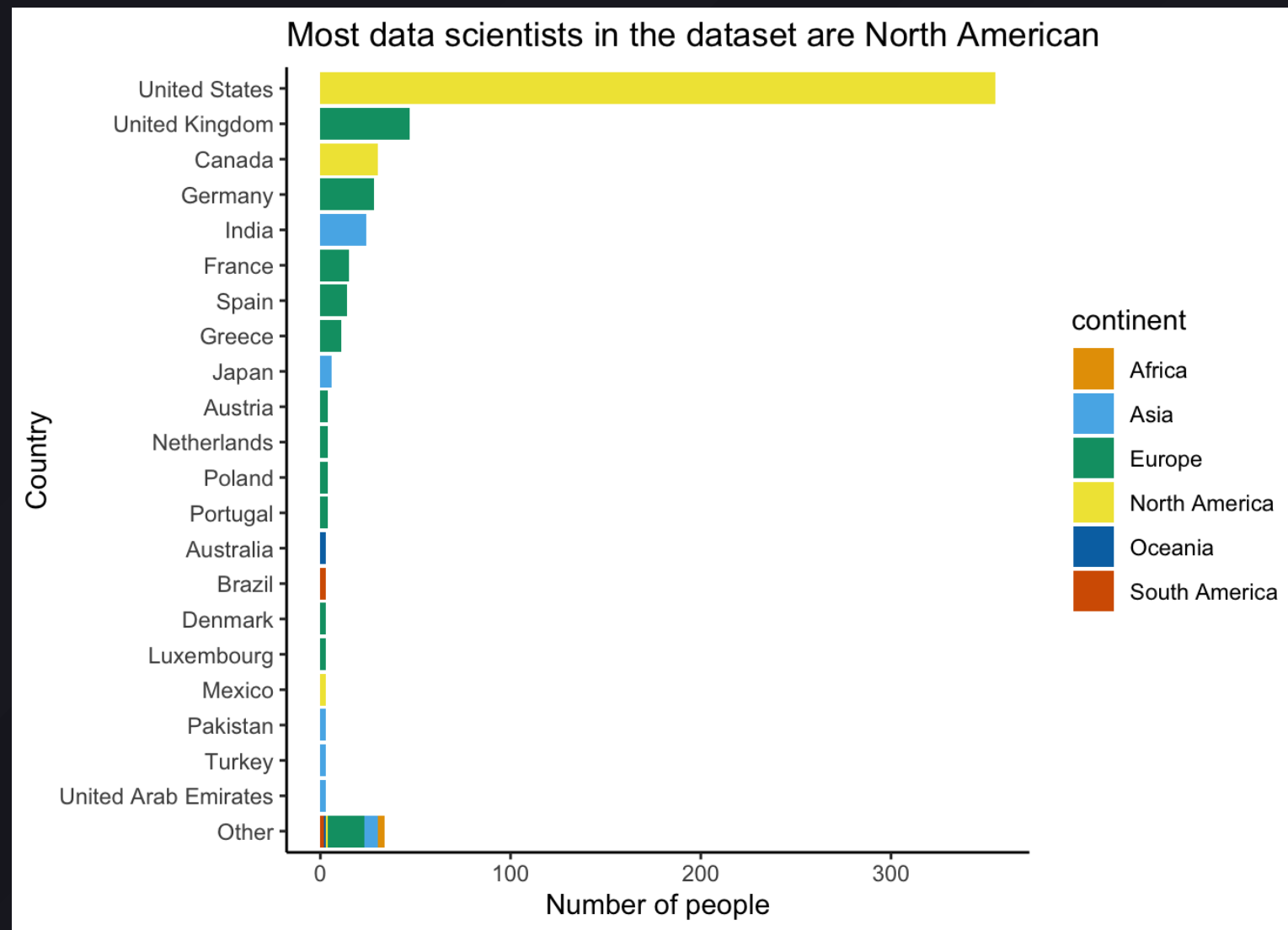
Some Preliminary Plots



Some Preliminary Plots



Some Preliminary Plots



Some Preliminary Plots

Salaries Around the World

