Group Project Presentation | Part 1
MBAD 7090 | DSBA 6100 | Team 2

Team Members:

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Datasets:

- Fortune 500 Companies:
  - Company
  - Specialty
  - Year
  - Industry format
  - Employees in thousands
  - **Patents**
  - CSR Environment + Diversity + Governance + Community)
  - Revenue (Total)
  - Innovation Analysis
  - Analytics Analysis

- Election Data:
  - Year
  - State
  - Total Votes
  - Republican Votes
  - Democratic Votes
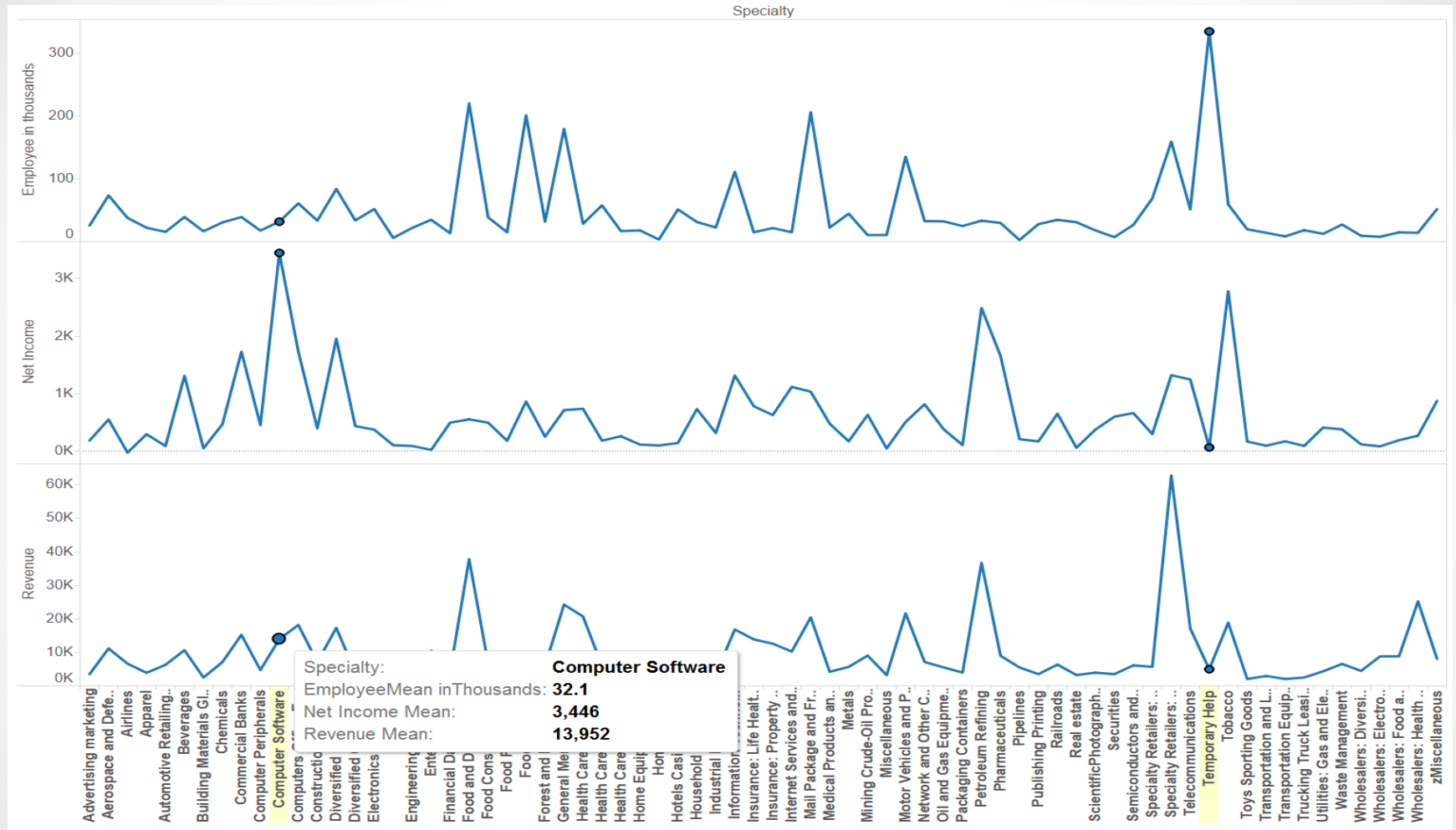
Tools Used:

- Data Cleaning   : Excel, R
- Data Extraction   : Hadoop and Java
- Data Mapping & Consolidation   : Hadoop, Hive & SQL.
- Descriptive Analysis   : R
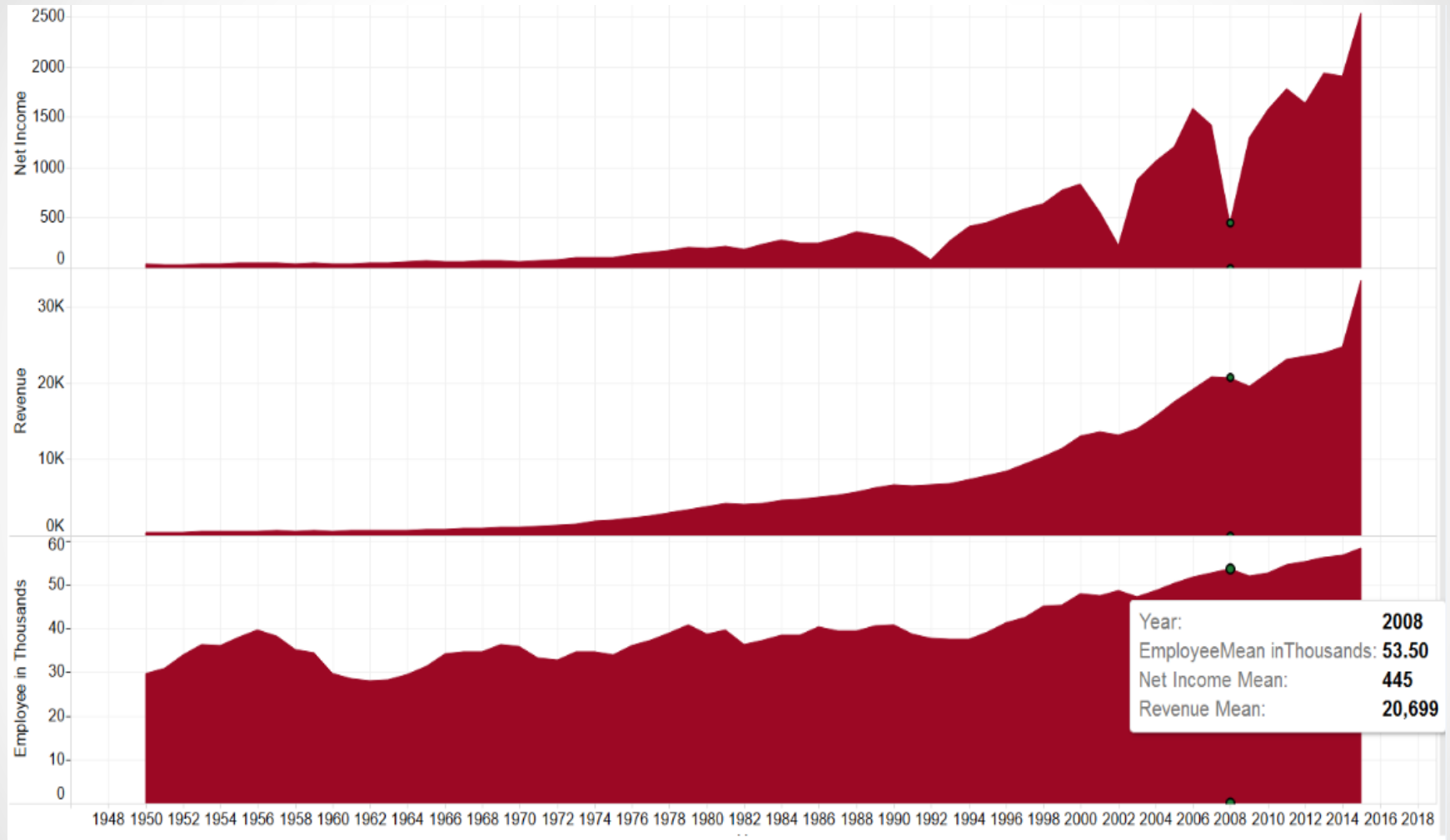- Visualization   : Tableau 9

Hypothesis:

- Elasticity of growth – Growth in employee count of one sector depends on the downfall of income generation in other sector

- Petroleum specialty sector will be generating high paying jobs

- Computer software sector will continue to introduce more number of patents

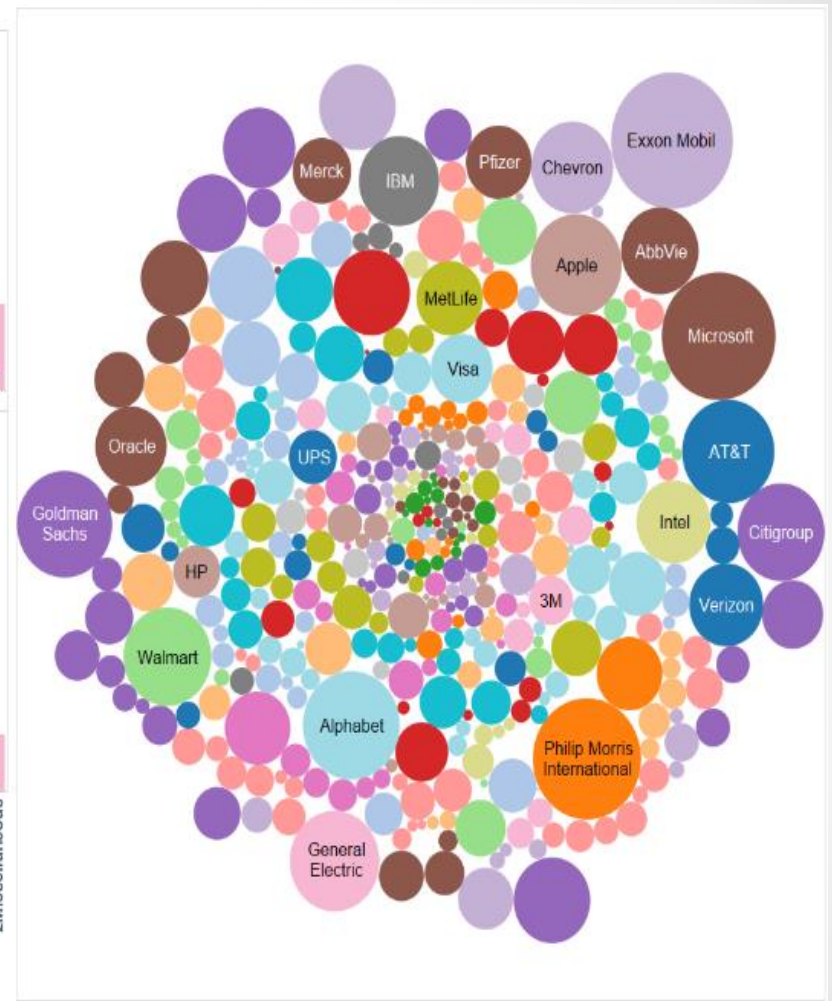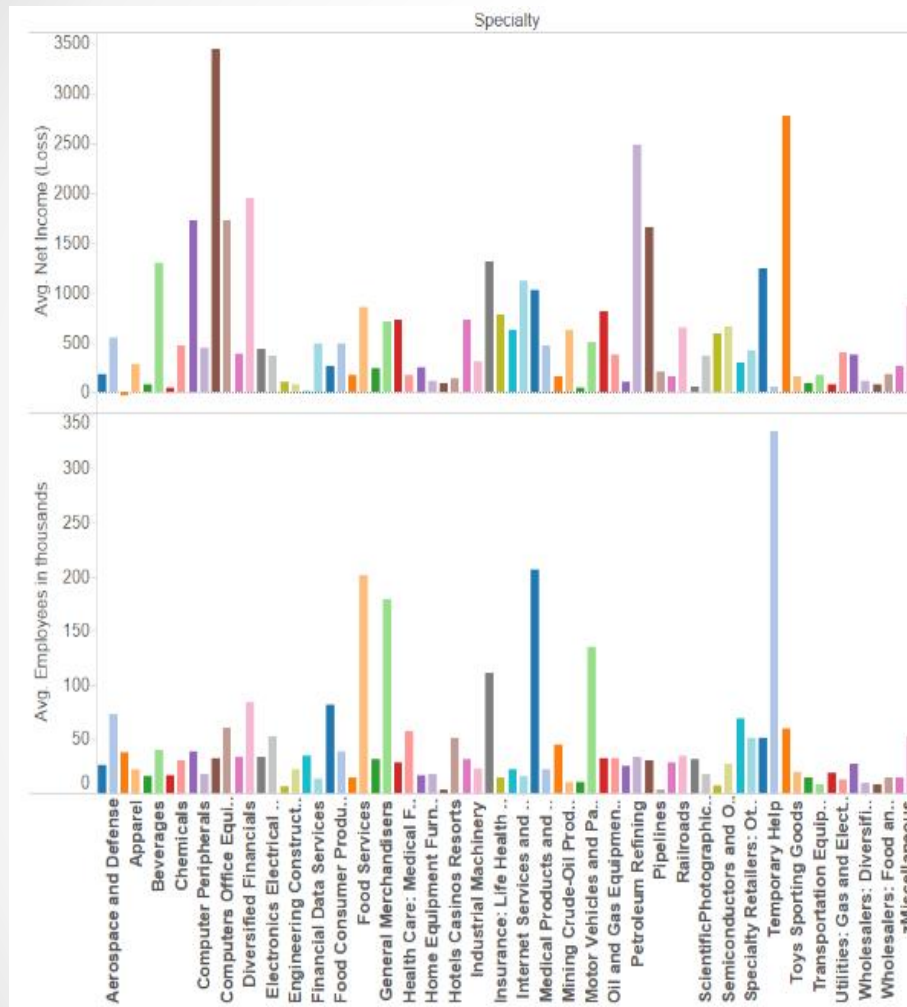- Democratic party will be winning the elections in 2016

Descriptive statistics:

Net income is independent of number of Employees.
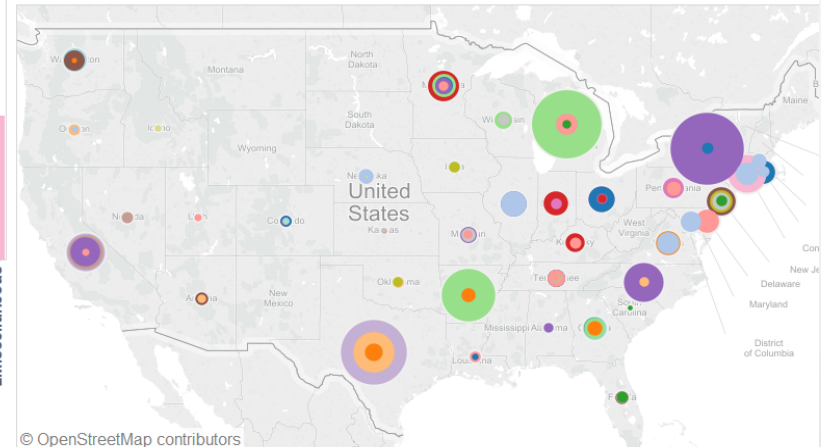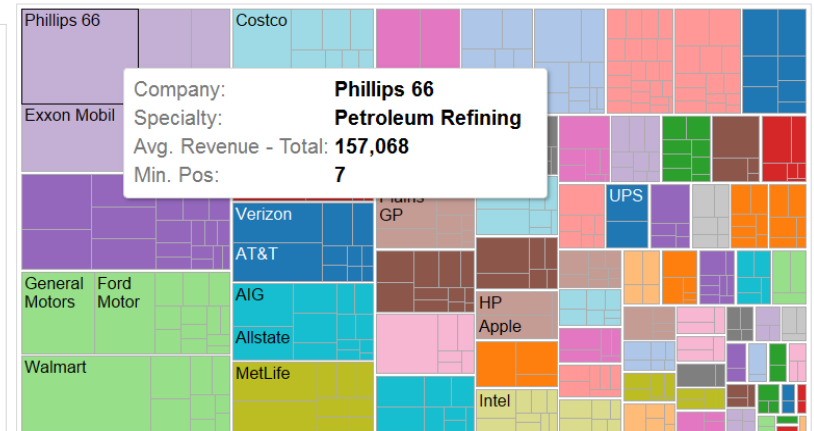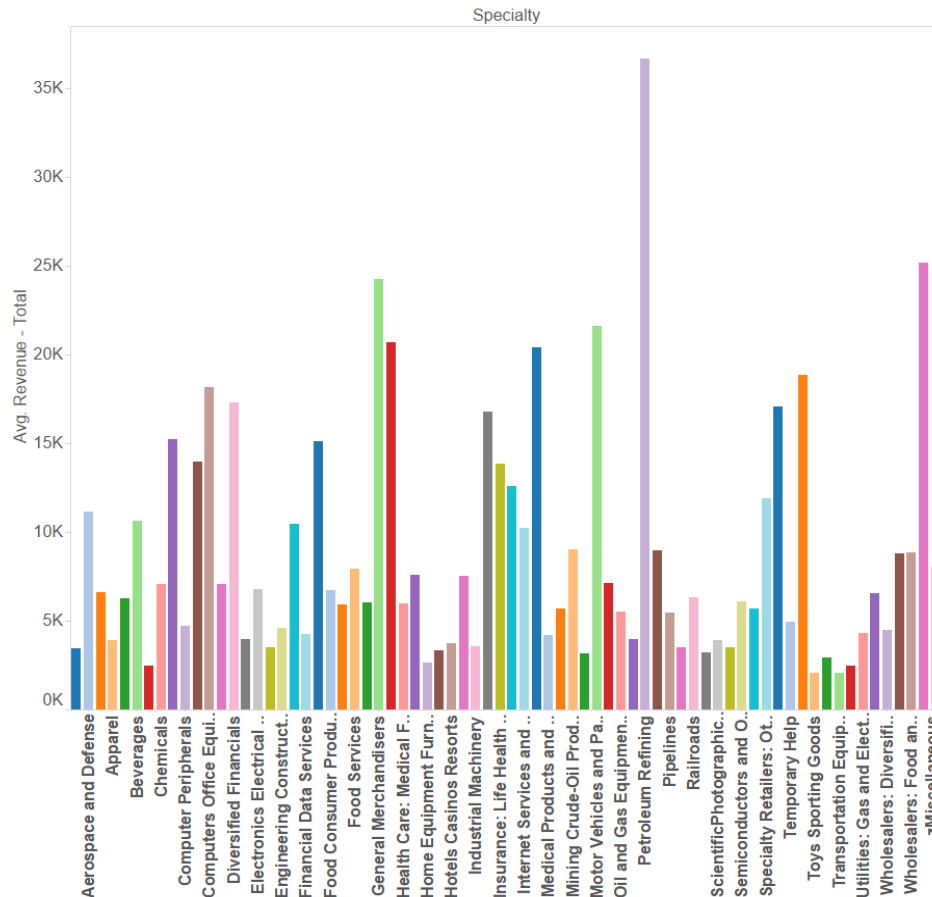
Descriptive statistics:

Net income fall in 2008 Recession
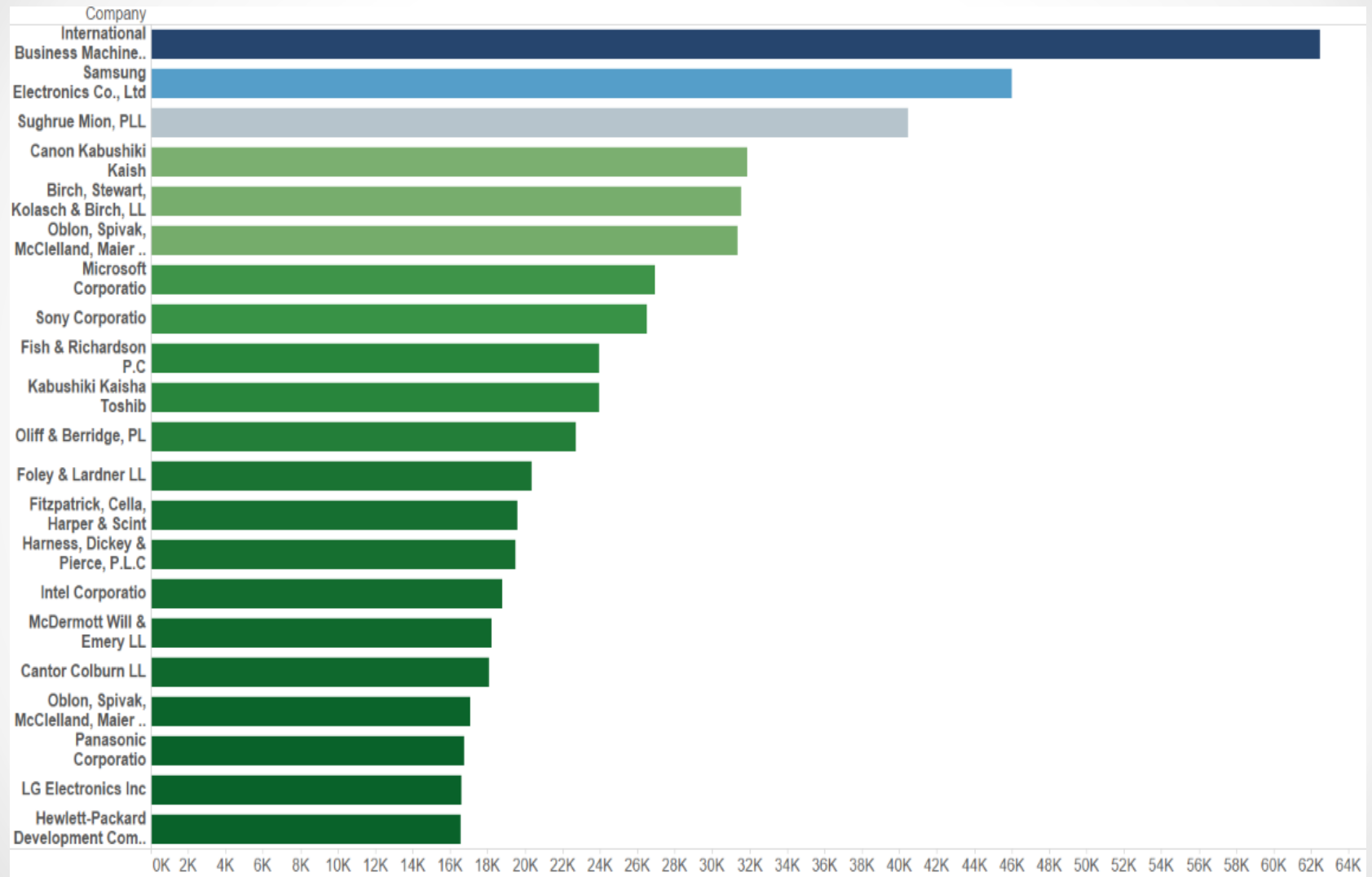
Descriptive statistics:

Average Employee and Net Income for each Specialty

Descriptive statistics:

Revenue is not the only factor for fortune 500 ranking

Descriptive statistics:

Top companies based on number of patents

Word Cloud

Most Fortune 500 companies

Thank you

Questions?