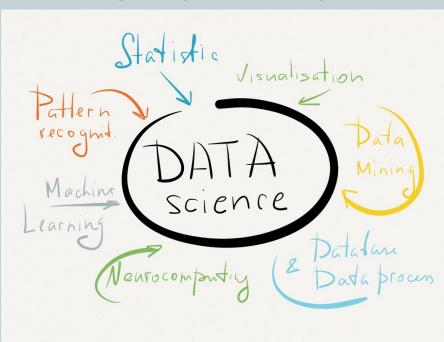
Data Jobs in America

THOMAS PLAPINGER



Goals

- Find the National Median Wage in Data Science Jobs
- Find contributing factors to earning above the National Average
 - Location
 - Job Title
- How Can Attract the Best Data Scientists?

Methods



- Web Scrape across 30+ US cities for Data Science related Job Postings on Indeed.com
- Focus on Attributes
 - Title
 - Company
 - Location
 - Job Description
 - Salary
- Created Random Forrest and Logistic Regression Data Models to determine contributing factors

Results

- Collected 7,680 job Postings across 39 US Cities
- 441(5.7%) Contained Salary listings
- National Data Science Median Wage: \$73,680
- Locations with Strongest Relationship to Above Average Wages
 - Seattle, Portland, San Francisco, New York, and Washington,
 DC
- Job Title Terms that force Higher Wages
 - o Software, Statistical, Machine Learning, and Research

Limitations of Search

- Single Job Posting Website
- Timeframe (Late July)
- Lack Salary Data

Recommendation

- To Attract the Best Data Scientist
 - o Offer Competitive Salaries well above National Median
 - Focus on Building Profile in New York, San Francisco, and Washington, DC
 - Focus on Professionals with previous Job Titles involving Research, Machine Learning, and Statistical software.
- Additional Focus on recruitment of Data Scientists from Data Industry sparse towns

Questions?

