Lindsey Roeder

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DATA SCIENTIST

I am a data scientist motivated by the need for consistent growth and I am always looking for a new challenge. My background in analytics, combined with my passion for using data to solve problems, allows me to quickly apply logic to uncover any possible areas for improvement. I want to bring these skills to organizations with cultures that value corporate social responsibility.

SKILLS

STATISTICAL METHODS & MODELING: Data Collection, Sampling, Hypothesis Testing, Confidence Intervals
MACHINE LEARNING: Regression, Classification, Feature Engineering, Natural Language Processing/NLP
CODING: Python, Pandas, Numpy, Scikit-Learn, GIT, HTML | **DATA VISUALIZATION:** Plotly, Matplotlib, Seaborn

EDUCATION

GENERAL ASSEMBLY   **REMOTE**
DATA SCIENCE IMMERSIVE PROGRAM   **MAR 2021 - JUNE 2021**

BENTLEY UNIVERSITY   **WALTHAM, MA**
B.S. in MANAGERIAL ECONOMICS   **SEPT 2009 - MAY 2013**
Honors: Dean's List all semesters; President's List; International Economics Honor Society - Omicron Delta Epsilon

RELEVANT EXPERIENCE

GENERAL ASSEMBLY   **REMOTE**
DATA SCIENCE IMMERSIVE PROGRAM   **MAR 2021 - JUNE 2021**
- Acquired, cleaned, and explored large datasets to present findings to technical and non-technical audiences.
- Completed 25 labs and 6 projects, leveraging data science best practices to solve real-world problems, using coding (Python, NumPy, Pandas, SciKit-Learn, Neural Networks) and data visualization (Plotly, Matplotlib, Seaborn).
- Projects topics include the following:
  - *Improving SAT Participation Rates*: The goal of this project was to make recommendations to the College Board on how to improve SAT participation across the country by combining 6 datasets about past scores & participation rates.
  - *Housing Price Predictions*: The purpose of this project was to take over 70 columns of different features and create a linear model predicting the housing price of a new property.
  - *Subreddit Classification with NLP*: The goal of this project was to scrape posts from two different subreddits (r/Jokes vs. r/Riddles) and build a classifier that would correctly identify which subreddit the posts were from.
  - *Image Classification Translator*: The purpose of this project was to build an image classification model using transfer learning within neural networks. I used the Xception module to create a model that had 86% accuracy classifying 30 word classes. I then built a translator with the Google translate API to translate the word into 107 different languages.

RELATED MANAGEMENT COMPANY   **NEW YORK CITY, NY**

REVENUE MANAGER   **FEB 2020 – JAN 2021**

- Worked collaboratively with leasing agents on the residential side at one of the largest real estate companies in New York to set pricing for 8,000 market rate units at 32 properties weekly
- Saved $1.1M over previous year, increased insight into the cost per transaction, and reduced time spent producing marketing reports by creating new process to predict and track digital advertising expenditure
- Gathered and analyzed data using Salesforce in order to forecast revenue budget each year for multiple line items: Gross Potential Rent, Vacancy, Concessions, Bad Debt
- Oversaw revenue management analytics to provide KPIs that support, evaluate, and optimize portfolio strategies

PROJECT MANAGER   **JUNE 2018 – FEB 2020**

- Lead analyst in business operations group for 32 rental and 15 condo properties, producing financial, leasing and marketing analytics to advise in company-wide decision-making
- Owned budget process for 40+ Luxury Portfolio properties: yearly efforts to provide efficient templates, training and technical support for property managers, and presentation of company-wide business plan to management
- Delegated and guided team through budgeting and operational data analytics for multiple departments

BUSINESS OPERATIONS ANALYST   **SEPT 2016 – JUNE 2018**

- Assisted in Luxury Portfolio budgeting process; produced reports for operations, marketing and leasing teams
- Analyzed success of multiple strategic initiatives and presented results

GE ELECTRIC INSURANCE COMPANY   **BEVERLY, MA**

PERSONAL LINES PRODUCT ANALYST   **JAN 2015 – AUG 2016**

- Monitored KPIs using marketing, sales, and pricing dashboards to identify opportunities for product development
- Completed and presented 4-6 State Reviews annually by analyzing large sets of data to grow profitability

ANALYST DEVELOPMENT PROGRAM   **JUNE 2013 – JAN 2015**

- Selected as one of five participants for GE's premier rotational program that involved contributing to multiple roles
  - *Accounting & Investments Analyst*: Assisted Accounting team with process improvements and worked with Finance team to monitor current investments while evaluating opportunities for growth
  - *Personal Lines Product Analyst*: Responsible for User Acceptance Testing while migrating company data into Qlikview in order to develop interactive analytics applications and dashboards