

Bryan Rhoelle Bergenholtz

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EDUCATION

California State University - Long Beach
B.S. in Computer Science

Grad Date: May 2025

PROJECTS

Basic Stock Analysis Tool

- Developed a python-based tool to perform basic stock market analysis using historical data from Yahoo Finance.
- Implemented data visualization to identify trends and calculated moving average to analyze stock performance
- Assessed stock volatility using rolling standard deviation to track changes over time.
- Designed intuitive charts and outputs to interpret stock behavior effectively for decision-making.

Lung Cancer Dataset Analysis

- Conducted data processing and cleaning, converting categorical variables and handling of outliers.
- Created Histograms, Box Plots, Density Plots, and Bar Charts to analyze key health risk factors.
- Discovered that smoking strongly correlates with pulmonary disease, while energy levels tend to be lower on affected individuals.

RELEVANT COURSE

CECS 323: Database Fundamentals, CECS 450: Data Visualization

TECHNICAL SKILLS

Programming Languages: Python, R, SQL

Data Visualization: Tableau, Matplotlib, Seaborn

Databases: MySQL, PostgreSQL, MongoDB

Tools: Git, Microsoft Excel