

DENA CODURI

DATA ANALYST

denacoduri@gmail.com ▪ (917) 698-4238 ▪ Great Neck, NY

github.com/denacoduri ▪ linkedin.com/in/denacoduri ▪ denacoduri.com

Data analyst with a background in math education. Experienced in presenting complex information in an understandable and engaging way. Completed analysis projects across multiple fields including retail, entertainment, banking, health care, and government.

EDUCATION

2021
Data Analytics Certificate
CareerFoundry

2008
**Master of Arts,
Mathematics**
St. John's University
Queens, NY

2006
**Bachelor of Science,
Mathematics**
St. John's University
Queens, NY

TECHNICAL SKILLS

- Excel
- SQL
- Python
- Tableau
- PowerPoint
- Jupyter Notebook
- Anaconda
- Pandas
- matplotlib
- NumPy
- Seaborn
- Trello

ANALYSIS EXPERIENCE

CareerFoundry Data Analytics Course | Sep 2020 - July 2021

The following projects were completed for this data analytics bootcamp intensive:

- **Video Game Sales Trends Analysis**

Analyzed real video game data for a descriptive analysis using Excel - Cleaned data - Filtered data - Created pivot tables - Presented findings in PowerPoint

- **Preparing for the Flu Season in the U.S.**

Sourced and profiled open data from the CDC and Census Bureau - Joined data sets in Excel using VLOOKUP - Identified correlations - Performed hypothesis testing - Created a Tableau interactive story board with staffing recommendations

- **Business Questions for an Online Video Rental Company**

Explored data using PostgreSQL - Crafted a data dictionary in Excel - Created geographic visualizations of customer data in Tableau - Used a Google Slides presentation to answer questions from the business

- **Marketing Strategy for an Online Grocery Store**

Cleaned, prepped, and merged data in Python - Segmented customers into different profiles for marketing - Created visualizations in Python - Summarized insights in an Excel report

- **Anti-Money Laundering Projects at a Global Bank**

Identified ethical dilemmas in hypothetical business scenarios - Documented the Excel cleaning and prep process - Designed a decision tree model to predict which customers were likely to leave

- **U.S. Murder Data Analysis**

Sourced open data for an exploratory analysis - Created research questions - Analyzed data in Python using machine learning, regression, clustering, and time series analysis - Designed an interactive Tableau dashboard

PROFESSIONAL EXPERIENCE

Math Teacher

Monsignor Scanlan High School | Bronx, NY | Sep 2015 - June 2016

Math Teacher

Saint Saviour High School | Brooklyn, NY | Sep 2008 - June 2015

Yoga and Meditation Instructor

Self-Employed | Queens/Long Island, NY | Apr 2014 - Present

Adjunct Professor of Mathematics

St. John's University | Queens, NY | Sep 2012 - Dec 2012

Graduate Assistant for the Math Department

St. John's University | Queens, NY | Sep 2006 - May 2008