

VIJAYALAKSHMI VENUGOPAL

Data Analyst



Newtown, PA



+1 (425) 305-8685



vijibabu.21@gmail.com



<https://github.com/vijibabu>



www.linkedin.com/in/vijayalakshmi-venugopal-da

CERTIFICATION

Certificate in Data Analytics -
CareerFoundry, 2023

WCBDA - WROX Certified Big Data Analyst - AmitySoft, 2016

EDUCATION

Post-Graduate Diploma in Banking -
Manipal University, 2008

Bachelor's degree in Mathematics - Ethiraj
College for Women, 2004-2007

KEY SKILLS

- Data Analytics
- Excel
- SQL
- Python
- Tableau
- R programming
- Data Cleaning
- Data Wrangling
- Machine Learning
- Statistics
- Accounting
- Financial statement analysis
- Risk assessment
- Reporting

Data Analyst with competencies in Excel, SQL, R, Python and Tableau combined with prior experience in the banking Industry as a Financial Credit Analyst. Results-oriented individual with strong analytical and problem-solving skills. Seeking a Data Analyst position to drive key business decisions through cleaning, organizing, and analyzing data, and building visualizations within a collaborative team.

PROJECTS

US Education Funding Analysis | CareerFoundry Case Study

- Sourced open-source data; Cleaned and created engaging accessible visuals using core visualization libraries used in Python to understand the trend in education funding across the USA.
- Conducted machine learning and regression analysis and forecasted using time series models like ARIMA, Auto ARIMA and the Regression model.
- Created a Tableau Dashboard to deliver the final understanding.

Tools: Python and Tableau

Instacart Customer Analysis | CareerFoundry Case Study

- Used open-source data to understand the customer buying patterns based on factors like age, income, demographics etc. to influence the marketing strategy and improve sales for the company.
- Applied Python coding skills to clean, combine datasets, explore, and analyze the dataset.
- Created visualization in Python using libraries like Matplotlib, Seaborn.

Tools: Python

Rockbuster Video Rental | CareerFoundry Case Study

- Developed database querying skills and applied data cleaning, joins and advanced filtering to prepare the data.
- Advanced SQL techniques like CTE, subqueries and rank function were used to analyze the data and answer the ad-hoc business-related questions.
- Created Tableau Dashboard to deliver the final report.

Tools: PostgreSQL and Tableau

Influenza Season Staffing Requirements | CareerFoundry Case Study

- Analyzed CDC datasets to find limitations and spot trends to determine influenza season staffing requirements for a medical staffing agency.
- Conducted descriptive analysis and inferential statistical analysis to make business decisions based on the data.
- Created Tableau Dashboard to present findings to the stakeholders.

Tools: Excel and Tableau

RELEVANT PROFESSIONAL EXPERIENCE

Credit Analyst, Corporate Banking Group (2008-2012)

- Analyzed credit data and financial statements to determine the degree of risk involved in extending credit or lending money.
- Used computer programs to generate financial ratios, which evaluated customers' financial status.
- Consulted with customers to resolve complaints and verify financial and credit transactions.
- Prepared reports that include the degree of risk involved in extending credit or lending money.
- Compared liquidity, profitability, and credit histories of establishments being evaluated with those of similar establishments in the same industries and geographic locations.
- Completed loan applications, including credit analyses and summaries of loan requests, and submitted to loan committees for approval.
- Analyzed financial data such as income growth, quality of management, and market share to determine expected profitability of loans.