

Pavani Seshadri | Data Analyst

(412) 230 3965 | pavaniseshadri1804@gmail.com | LinkedIn | GitHub | Grand Rapids, MI

SUMMARY

Dedicated and results-driven Data Analyst with 3+ years of experience in analyzing complex data sets, generating actionable insights, and driving data-driven decision-making. Proficient in Python, R, SQL, and a wide range of data visualization tools. Strong expertise in data analysis, statistical and data modeling, data-driven decision-making, Data mining, Machine Learning with large data sets of Structured and Unstructured data, Data Acquisition, Data Validation, Predictive modeling, Data Visualization, and critical thinking.

TECHNICAL SKILLS

Methodologies:	SDLC, Agile, Waterfall
Programming Languages	Python, R, SQL, SAS
IDEs	Visual Studio Code, PyCharm, Jupyter Notebook
Packages	NumPy, Pandas, Matplotlib, Seaborn, ggplot2, SciPy, Scikit Learn, TensorFlow
Visualization Tools	Tableau, Power BI, Advance Excel
ETL Tools	SSIS, SSRS, Informatica, Talend
Cloud Technologies	AWS, Azure, GCP
Databases	MySQL, PostgreSQL, SQL Server, Oracle
Version Control Tools	Git, GitHub, GitLab
Other Skills	Data Cleaning, Data Wrangling, Critical Thinking, Communication Skills, Presentation Skills, Problem-Solving
Operating Systems	Windows, Linux, Mac

PROFESSIONAL EXPERIENCE

Progressive Insurance, IL

Nov 2024 - Present

Data Analyst

- Delivered 10+ data-driven projects using Agile methodologies, ensuring 100% on-time completion and adaptability to evolving requirements.
- Leveraged Python such as NumPy, Pandas, and Matplotlib to perform advanced analysis and create visualizations, uncovering insights from datasets exceeding 1 million rows.
- Designed and developed 20+ interactive dashboards using Tableau, transforming complex datasets into actionable insights that enhanced decision-making across multiple departments.
- Managed data storage and processing using AWS and GCP, handling datasets exceeding 2TB, optimizing scalability, and reducing processing time by 40% for large-scale operations.
- Implemented query optimization and advanced data management in PostgreSQL and Oracle, ensuring seamless access to accurate and reliable datasets.

IBM, India

Sep 2020 - Dec 2022

Data Analyst

- Led a team of analysts to develop a predictive model using Python and Scikit-learn, resulting in a 20% reduction in customer churn.
- Implemented large-scale data processing techniques using SSIS, Informatica, MicroStrategy, Snowflake, and Teradata to efficiently manage data extraction, transformation, and loading processes within data warehouses and data marts.
- Harnessed MS Excel to dissect extensive datasets, construct intricate financial models, and craft interactive dashboards to enhance reporting and visualization capabilities, including SAP integration for financial data analysis.
- Leveraged Azure cloud platforms including Azure Data Lake and Azure SQL Database for data processing, storage, and analysis.
- Leveraged expertise in data visualization tools including Tableau, Power BI, and QlikView to develop and maintain interactive dashboards and data visualizations, resulting in a 30% improvement in data accessibility and user engagement.
- Collaborated with the marketing team to track and analyze website performance using Google Analytics, resulting in a 30% increase in online engagement.
- Utilized SAP ERP to streamline data integration, enhancing reporting for informed decision-making.

CERTIFICATIONS

Data Analytics with Python

NPTEL Google Data Analytics Certification

Introduction to Data Analytics on Google Cloud Platform

EDUCATION

Master's in Applied Computer Science | Grand Valley State University, Grand Rapids, MI

DEC 2024

Bachelor's in Computer Science and Engineering | REVA University' Bengaluru, India

Jun 2022