

SAIRAM KODIMELLA

• New York, NY, USA • sairamkodimella2@gmail.com • +1 201-253-8589

Summary

Data Science professional with around 4 years of experience in Data Analysis. Proficient in advanced statistical methodologies, machine learning, and data visualization tools, driving valuable insights and empowering strategic decision-making. Adept at analyzing complex datasets, optimizing resource allocation, and enhancing customer satisfaction. Skilled in Python, SQL, and Tableau. A proactive problem-solver committed to staying ahead of industry trends, ensuring exceptional contributions to data-driven organizations.

Technical Skills

- **Data Analysis:** Python, SQL, SAS, R
- **Big Data Technologies:** Hadoop, MapReduce, Spark, HDFS, Sqoop, Ni-Fi, Hive, Cloudera, HBase.
- **Programming Languages:** C, C++, Bash scripting
- **Cloud Technologies:** Microsoft Azure, AWS, Google Big Query, ETL
- **Databases:** MySQL, SQL Server, Oracle, HBase
- **Data Visualization:** Tableau, Microsoft Excel, Power BI
- **Machine Learning Algorithms:** Random Forest, Naive Bayes, Logistic Regression, XG Boost, Decision-Tree
- **Certifications:** Tableau, Data Analysis using Microsoft Excel, Excel to SQL, Data Science

Professional Work Experience

Data Scientist

January 2020 – December 2021

APPZWORK Software Services Pvt Ltd

- Performed ad-hoc analysis and data extraction to resolve 20% of the critical business issues.
- Collaborated with data engineers and operation team to implement ETL process, wrote and optimized SQL queries to perform data extraction to fit the analytical requirements.
- Participated in features engineering such as feature intersection generating, feature normalize and label encoding with Scikit-learn preprocessing.
- Developed and implemented predictive models using machine learning algorithms such as linear regression, classification, multivariate regression, K-means clustering, and regularization for data analysis.
- Designed rich data visualizations to model data into human-readable form with Tableau and Matplotlib.
- Attended daily, weekly, and monthly client meetings, contributing to effective project coordination.

Business Analyst

December 2018 – December 2019

APPZWORK c

- Conducted the weekly and monthly reporting on business performance, highlighting drivers and detractors; performing root-cause analyses on variances to forecast, and presented to management.
- Continually strived to improve existing reporting through automation.
- Set up data processes to minimize manual work within the team to create efficiencies.
- Monitored data quality on multiple data sources, proposed data quality improvement projects to the internal tech team. Streamlined the data gathering process.
- Performed ad-hoc analyses for media and content optimization, promotions, and sales planning.
- Collected, organized, and manipulated data from various sources.
- Identified and interpreted trends or patterns in data sets

Data Analyst

March 2018 – November 2018

ADITI Software

- Crafted and executed testing scripts for pricing solutions, including testing predictive models, resulting in a 20% increase in accuracy.
- Conducted manual and automated testing, identifying root causes of issues, and implementing corrective measures, reducing product defects by 15%.
- Collaborated with cross-functional teams to provide analysis and expertise throughout the Software Development Life Cycle (SDLC), improving overall product quality.
- Implemented automation tools that improved testing efficiency, resulting in a 30% reduction in testing time.
- Defined and refined test criteria, cases, scenarios, and scripts, ensuring comprehensive test coverage and adherence to quality standards.

Education

- **Master of Science in Data Science**
Pace University, New York, NY, USA

January 2022 – May 2023