SAI YESASWY MYLAVARAPU

3+ years of professional and research experience in Data analytics, problem solving and Big data technologies.

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SUMMARY

- Data Analyst with three years of experience in interpreting & analyzing data in order to drive successful business solutions and help business make better decisions.
- Hands-on experience in writing complex SQL queries to extract, transform and load (ETL) data from databases.
- Strong hands-on experience in data cleaning and exploration using various libraries in Python.

TECHNICAL SKILLS

Programming:	Python, JAVA, R, Scala, JavaScript, C
Machine Learning:	Regression, Naive Bayes, Decision Trees, Clustering, Bagging and boosting models, Statistical Data analysis, Time series analysis, Dimension Reduction, Feature Engineering, SVM, PCA
BI/Analytics Tools:	Tableau, Zoho Reports, D3.js, Shiny, Plotly, MS Excel, WEKA
Big Data/Cloud:	HDFS, MapReduce, HIVE, Apache Spark, Tensorflow, AWS, Databricks
Other Skills:	Natural Language processing, Android Development, GIT, FLASK, NoSQL databases

EDUCATION

UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE, Charlotte, NC   3.9 GPA
Master of Science in Computer Science (Data Science & Management)   Spring'17 – May'18

EXPERIENCE

DATA ANALYST   Richmond, VA
Capital One   August'18 – Present

- **Environment**: Python, PySpark, Snowflake, Redshift, Databricks, AWS, Tableau, Unix
- Derive actionable insights and metrics using Python and Spark in the Databricks environment by analyzing the customers' response sent through various channels like Emails, SMS etc using A/B testing.
- Responsible for writing complex SQL queries on time sensitive data available in Snowflake, Redshift and AWS S3.
- Work collaboratively with appropriate Tech teams to manage security mechanisms and data access governance.
- Present data and conclusions through visualizations using Business Intelligence tools like Tableau & QuickSight.
- Understand, analyze and manipulate complex datasets across various OLTP and OLAP environments.

DATA SCIENTIST (INTERN)   Charlotte, NC
Catalyst   January'18 – May'18

- Responsible for ingestion of customer data from various data sources into HDFS and build internal and external HIVE table schemas using performance techniques like partitioning & bucketing.
- Built regression models on sales data & applied techniques like regularization & dimension reduction. Created interactive dashboards to track supply & demand in Tableau & Zoho reports.

DATA SCIENTIST   Hyderabad, India
Ikvox Software   May'16 – December'16

- Written complex SQL queries to extract, transform and load (ETL) data from relational and NoSQL databases.
- Used qualitative and quantitative user feedback data such as user rating, Net promoter score and daily sales to predict the customer churn rate using logistic regression, decision trees, SVM and KNN.
- Performed sentiment analysis on user reviews by extracting features from huge corpus of data using statistical packages in R and Python. Designed dashboard to visualize the feedback metrics to the stakeholders.

SYSTEMS ENGINEER   Hyderabad, India
Infosys Ltd   August'14 – May'16

- Understand requirements from Stakeholders and create documentation with required set of instructions.
- Used Numpy & Pandas libraries in Python extensively by writing functions to bring raw data into structured format.
- Responsible for writing complex SQL and PL/SQL statements – Stored procedures, functions and triggers.