Sindhu Korrapati *+1 (312) 776 4978*

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Data Analyst/Scientist with 4 years' experience across Telecom, Retail, and Technology. Proficient in Python, ETL pipelines, and merging industry insights with AI-ML research to translate intricate data into actionable business outcomes. Open to US relocation.

EDUCATION

Governors State University, *Master of Science in Business Analytics*   Dec 2023

Panimalar Institute of Technology, *Bachelor in Electronics & Communication Engineering*   May 2020

SKILLS

Programming and Tools
Python, R, Java, PyCharm,Git, Jupyter, Excel, JIRA, Docker

Big Data
SQL, PySpark, Apache Kafka, Azure, Databricks, Amazon AWS, Google Cloud

Visualization
Matplotlib, Seaborn, R Shiny, ETL,x Streamlit, Flask, Power BI, Tableau

Python Libraries
Pandas, NumPy, Scikit Learn, PyTorch, Tensorflow, LightGBM, Gurobi, SHAP, OpenCV, OpenAI, Chat-GPT, LangChain

Statistical Concepts
Clustering, Classification, Predictive Modeling, Time Series, Hypothesis Testing, A/B Testing, Warehousing

Coursework
Machine Learning for Trading, Regression Analysis, Analytical Models, Data & Visual Analytics, Statistics

WORK EXPERIENCE

CVS Health, Data Analyst   Feb 2024 - Present

- Worked on predictive analytics use cases using Python language
- Clean data and process third-party spending data into maneuverable deliverables within specific format with Excel macros and Python libraries such as NumPy, SQLAlchemy, and matplotlib
- Built an internal visualization platform for the clients to view historical data, make comparisons between various issuers, and analytics for different bonds and markets
- Perform numerous SQL queries in SQL Server and discovered many actionable insights
- Create monthly statistical reports and collaborated with the research Analytics team
- Built REST APIs to easily add new analytics or issuers into the model
- Automate different workflows, which are initiated manually with Python scripts and Unix shell scripting
- Perform troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for both customers and the internal customer service team
- Experience with risk analysis, root cause analysis, cluster analysis, correlation and optimization and K-means algorithm for clustering data into groups
- Analyze, Design & develop Data discovery dashboards in Tableau to present data stories to the business stakeholders
- Design and develop weekly, and monthly reports by using MS Excel charts/documents and PowerPoint presentations

Transol Systems Pvt. Ltd., Data Scientist   Jan 2019 – Aug 2022

- Collaborated with database engineers to implement ETL process, wrote and optimized SQL queries to perform data extraction and merging from SQL server database
- Designed and implemented end-to-end systems for Data Analytics and Automation, visualization tools using R, Tableau, and Power BI
- Developed regression models to predict subscription response rate based on customer variables like past & current properties, response to prior emails, interests, etc
- Used Python to implement ML algorithms including Generalized Linear Models, Random Forest, and gradient Boosting
- Performed data visualization and designed dashboards with Tableau, and provided complex reports, including charts, summaries, and graphs to interpret the findings to the team and stakeholders
- Assisted with automating reporting functionality using Power BI tools Power BI reporting, Dashboards & Scorecards (KPI) and MySQL, Data warehouse data sources
- Worked with sales & marketing team to collaborate with cross-functional team to frame & answer important data questions, prototyping/experimentation ML/DL algorithms, integrating into production system for various business needs
- Used Python to develop a variety of models and algorithms for analytic purposes