desz

SUSMITHA ABBAVARAM
DATA ANALYST

CONTACT

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PROFILE

Self-motivated data science enthusiast with 3+ years of diverse and technical experience which include data analysis, data-driven problem solving, Predictive modelling, business insight generation, Story Telling, Data Visualization, and Machine Learning. So far, I have SQL, Python, and Tableau under my belt. Extending arm towards cloud computing.

SKILLS

- **LANGUAGES:** PANDAS (PYTHON)
- **DATABASE:** MYSQL, POSTGRESQL, SNOWFLAKE, AMAZON RED SHIFT
- **VISUALIZATION TOOLS:** TABLEAU, AZURE DEVOPS, MICROSOFT EXCEL, GIT, POWER BI, SNOWFLAKE
- **ENVIRONMENTS:** LINUX & WINDOWS
- **API TOOLS:** POSTMAN & SWAGGER, CONFLUENCE, ZIRA

EXPERIENCE

- Worked as part of Global Quality team to attain the Quality 4.0 principle and developed a data pipeline in order to create and perform statistical analysis and dashboarding.
- Responsible for designing end- to -end ML pipeline as a prototype and showcasing the use case to business stakeholders.
- Spearheaded a project to analyze fabrication step breaches and represent them over a Tableau Dashboard
- Implemented an innovative approach to refresh Tableau data sources based on ETL team data load completion with the help of python scripts. The effort led to zero wait time and saving more than 540 hours of manual work per year.
- Automated counts validation of an ETL process with the help of Shell Scripts and SQL, which ran through manual intervention before, saving 82% of the total time and approximately $800K.
- Identified data issue for reports which gave HTML timeout error for long runtime and provided recommendations to move report level filters to backend SQL query. Modification of the SQL query improved report display runtime by 3 times.

EDUCATION

Madanapalli Institute of Science
& Technology
2017 – 2019
 M.B.A (88 %)

Sri Venkateshwara University
2014 - 2017
 B.COM + Computers (89 %)

EMERALD's Junior College
(INTER)
2011 - 2013
 Intermediate (88%)

KAKATIYA HIGH SCHOOL
2000 – 2011
 SSC (87%)

ORGANIZATION

SYNTAGS IT LLP
Jan 2019 – Jan 2022

DeVirsa
Jan 2022 – Till date

- Gathered & analyzed business user needs, and translated them into proper technical requirements.
- Validated the data from the reports against the database by developing SQL queries.
- Data visualization: Created custom Created a custom hierarchy dashboard for group usage count which takes user input as a parameter.

PROJECTS

1. **Health care Application (Web based) Optima Flow, Data Analyst Engineer**
    - Process automation/reduced manual intervention in compiling ETC KPI metrics & strategic project updates.
    - The value proposition is to enhance productivity and efficiency of pre-operations review actions, by standardizing/automating the processes and reducing the time and efforts required to compile the Ops review deck month over month

2. **Data Analytics & Visualization Application (Web Based) Data Analyst**
    - Analyze, pre-process the data and produce graphs to get some intel out of it And we also should be in a position to apply various filters to such data and deep dive into needed portions etc.
    - Plot different kinds of graphs for your use case line (Line, Bar, Pie, Scatter plot, etc.).
    - There are different kinds of methods:
      a. Year Data || b. Month Data || c. String data etc