Madhesh V
Data Professional

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PROFESSIONAL SUMMARY

A competent **Data Scientist** professional with 1.2 years of experience in data science, statistical analysis, and predictive modeling. Proficient in **Python**, **SQL**, and **BI tools**, ensuring **data integrity** and delivering actionable insights. Demonstrated success in conducting comprehensive data analyses to support effective decision-making. Experienced in **data exploration**, **matching**, **validation**, and **enrichment**, and eager to contribute expertise in an analytics environment.

SKILLS

- **Python:** Numpy, Pandas, Matplotlib, Seaborn, Pydash, BeautifulSoup, Scrapy, Web Scraping
- **SQL:** Joins, Sub queries, Windows function, Advanced SQL concepts, SQL Databases
- **Advanced Excel:** Vlookup, Hlookup, Xlookup, Pivot tables, Macros, Charts
- **PowerBI:** Power Query, DAX
- **Machine Learning:** Supervised Learning, Unsupervised Learning, Reinforcement Learning, Deep Learning
- **Data Techniques:** Data Analysis and Interpretation, Data Visualization, Data Modeling, Data Wrangling, Data Mining, Data Quality Management, Business Intelligence, Data Reporting, Statistical Analysis, Requirement Analysis
- **Soft Skills:** Communication, Leadership, Collaboration, Critical Thinking, Adaptability, Innovation, Problem-Solving

WORK EXPERIENCE

Data Scientist   Feb 2022 - May 2023
Mu Sigma Business Solution Pvt Ltd, Bangalore/India

- Led **autonomous project deliveries**, engaging with clients and aligning internally, resulting in a 90% success rate
- Implemented **advanced machine learning techniques**, improving model accuracy and performance by 80%
- **Integrated data from diverse sources**, boosting support efficiency by 20%, and contributing to 15% growth
- Developed **data structures and pipelines** to organize and standardize data for actionable insights and reporting
- Conducted thorough **data profiling** for a diverse dataset of 500,000 records, identifying and rectifying data issues
- **Transformed SQL queries**, reducing data extraction time by 30%, elevating overall analysis efficiency
- Collaborated with **cross-functional teams** to define data requirements, ensuring accuracy and completeness
- Assisted in the development and **implementation of data governance policies**, resulting in a 20% improvement in data integrity
- Ensured **data quality documentation** accessibility, achieving a 98% success rate
- **Crafted visuals** to **communicate insights** to senior management, by utilising business intelligence tools almost 85%
- **Performed data cleaning, preprocessing, and transformation**, ensuring a 30% improvement in data quality through advanced **data manipulation** techniques

PROJECTS

Analyzed road safety in the UK

- Proficiently processed and refined 100% of the data for analysis with Python, managing a **dataset of 30,000 records**, demonstrating exceptional attention to detail and delivering high-quality results for informed decision-making
- Utilized **advanced SQL libraries** to visualize and derive actionable insights from the data with a predictive accuracy of 95%, enhancing decision-making capabilities

Analyzed the better sites for clinical trials in the Pharmaceutical industry

- Conducted data gathering and analysis with **Beautiful Soup** and **pandas,** ensuring data integrity and accuracy
- Created an interactive **data visualization** dashboard using Python Dash libraries to facilitate a comprehensive understanding of key trends and patterns

EDUCATION

B.E Civil Engineering, Kongu Engineering College   Aug 2018 - May 2022

CERTIFICATIONS

Experience Letter, Mu Sigma   May 2023
SQL Certification, Intellipaat   Jan 2024
Data Science Certification, Intellipaat   Jan 2024