SVSS SOBHIT VARADA

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PROFESSIONAL SUMMARY

Data Engineer with 3+ years of experience in designing, developing, and optimizing data pipelines and analytical workflows using Python, SQL, Databricks, and Snowflake. Skilled in working with large datasets, building ETL solutions, and enabling data-driven decision-making. Strong foundation in database management, cloud technologies (Azure/AWS), and data visualization. Quick learner with a collaborative mindset and a strong interest in Oil & Gas data applications.

Education

The University of Texas at Dallas	**May 2025**
Masters in science, Information Technology and management	
SRM Institute of Science and Technology, Chennai	**May 2022**
Bachelor of Technology, Mechanical Engineering	

Technical Skills

- **Scripting Languages:** Python (NumPy, Scikit-learn, Pandas, Matplotlib, Seaborn, TensorFlow), R, SQL
- **Data Processing & ETL:** Apache Spark, Hadoop, ETL Development, Data Cleaning, Data Transformation
- **Databases:** Relational Databases (MySQL, PostgreSQL), Data Warehouses (Snowflake, Redshift)
- **Data Analytics & Visualization:** Power BI, Tableau, Excel
- **Cloud services environments:** Azure,(preferred),AWS(familiar)
- **Version Control Tools:** Git, GitHub, Gitlab

Work Experience

INNOVER SOLUTIONS

Data Engineer Intern   **May 2024 – PRESENT**

- Designed and optimized data-driven reports and dashboards, improving reporting efficiency by 30%.
- Utilized Databricks for building and optimizing ETL workflows; integrated with Snowflake for data warehousing. Worked with cloud infrastructure (Azure) to deploy and monitor data workflows.
- Created dashboards using Tableau to visualize business KPIs for stakeholders.

COGNIZANT

Business Analyst   **June 2021 – July 2023**

- Analyzed and visualized **10M+ records**, improving business decision-making **by 20%** through **data-driven recommendations**.
- Built **interactive dashboards in Power BI and Tableau**, reducing reporting time **by 40%** for business users.
- Conducted **data cleaning and transformation** for ad-hoc analysis, ensuring **99% data accuracy**.
- Worked cross-functionally to translate business needs into **data-driven solutions**, optimizing operations **by 15%**.

Projects

Analyzing Sales Data | *Python*

- Analyzed sales data using Python, including data cleansing techniques, and gained insights through visualization libraries such as Matplotlib and Seaborn.
- Employed linear regression and random forest regression algorithms to forecast future sales, enhancing predictive capabilities for business decision-making.

Data Analysis and Visualization|COVID-19 Impact Analysis | *Tableau, Excel, R*

- Conducted a comprehensive COVID-19 impact analysis in Florida, specifically on pneumonia. Processed and cleaned a substantial dataset of 50,000+ records using R and Excel.
- Employed Tableau to create informative visualizations, revealing correlations between COVID-19, pneumonia, and influenza, offering actionable insights for public health authorities.

Flight Booking Database | *SQL, Database Design*

- Developed an Oracle database tailored for an airline company's booking operations, focusing on efficient data storage and retrieval.
- Implemented Triggers, Sequences, Views, and Indexes within the database to optimize SQL queries and maintain data integrity throughout the booking process.

Movie Recommendation System Analysis | *Tableau, MySQL, R, Excel*

- Acquired and cleaned movie rating data from the Movie Lens public data set, ensuring data integrity of 98%.
- Executed data visualization in Tableau to create interactive dashboards on user ratings across attributes.
- Analyzed movie recommendation algorithms, achieving an 85% accuracy rate in evaluating suggested movies based on user preferences.