

Sivasankar Illa

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Career Objective:

Self-motivated, organized, and efficient **data analyst and engineer** with **2+ year** of relevant technology experience with **Python development skills**. Data-driven and analytical innovator with excellent problem-solving skills, business acumen, and passionate for contributing to large-scale data ingestion and research initiatives. Prolific and intuitive collaborator with stakeholders, web developers, and database architects.

Professional Experience:

ESMSQUARE TECHNOLOGIES PRIVATE LIMITED

Data Analyst

May 2021 – Present

- A skilled and detail-oriented data analyst with **2 years of experience** in the field of **Data Science**.
- Evaluate business needs and objectives.
- Combine raw information from different sources like **Website, Excel File, SQL Server, Shared Folder, CSV**.
- Analyse and organize raw data into a clean data using **Python**.
- Ingesting the clean data into the **SQL SERVER TABLES**. By using the **SQL Queries** will manipulate and **join different table** into **final consolidated report**.
- Develop analytical dashboards using **Power BI**.
- Maintain and provide all **daily, weekly, monthly, and yearly reporting** from a variety of data sources to colleagues, manager, and senior management.
- Interpret trends and patterns.
- Conduct complex data analysis and report on results.
- Explore way to enhance data quality and reliability.
- Work in a team environment in supporting team goals and improving web development engineering practices.
- Collaborate with data engineers on several projects.

Qualification:

- B.Tech. in Mechanical Engineering from Aditya College of Engineering, Surampalem, Andhra Pradesh.

Skill set:

Programming languages	: python, SQL
Data bases	: MySQL, SQL server, MongoDB
IDE's	: PyCharm, Google Collab
Operating Systems	: windows, Linux
Libraries Used	: NumPy, Pandas, matplotlib
Visualization Tools	: Power BI
ETL Tools	: Alteryx
Framework	: Django
Tools	: Git, Git hub, Advanced Excel
Web Technologies	: HTML, CSS, Bootstrap

Project profile:

- **Supply chain optimization – Ecommerce:** Use data to optimize supply chain operations, reduce costs, and improve efficiency. These Strategies that optimize the flow of materials to make available the product from inception to the end consumer, The broad categories underlying the standard supply chain management is demand planning, sourcing, production, inventory management or storage, and logistics.
- **Excel Automation:** Implemented Excel automation to reduce the time complexity for manual and repetitive works Using Pandas, Openpyxl Libraries- Python Script.
- **Management Employee Attendance Tracking Report Using Alteryx (ETL Tool):**
Create a workflow in Alteryx. To Generate a report on the Actual hours worked vs expected hours, Total Employee Count, Employee count by department, Total Absent days in that week, Early Vs Late login, Top 5 Employees by Attendance, Unapproved leave, Total Worked Hours.
- **EDA (Exploratory data analysis) Using Python:** Performed professional retail performance analysis, collected, and evaluated customer reviews and buying patterns of the customer.
- **Ingesting the Jira Data onto the SQL Server through Automation Using Python Selenium:** For Project Tracking Purpose need to download the Jira files and ingest it into the SQL Server for reporting.
- **Power BI Dashboard:** Created data-driven reports to help the E-commerce team make better decision.