

# SUMER PASHA

## Data Analyst | Python Automation Engineer

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### PROFESSIONAL SUMMARY

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Data Analyst and Python Automation Engineer with 1 year of experience in automating workflows, data analysis, and visualization. Proficient in SQL, Python, and ETL processes to extract, transform, and load data into structured systems for analysis. Skilled in creating interactive dashboards and building automation solutions to optimize business operations. Adept at using Python for data-driven insights, improving processes, and driving efficiency.

### SKILLS

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- **Languages:** Python, SQL, R
- **Programming & Automation:** Python (Pandas, Numpy, Tkinter), Task Automation, Email Automation (SMTP).
- **Data Analysis & Visualization:** Exploratory Data Analysis (EDA), Power BI, Matplotlib, Seaborn.
- **Data Management:** SQL, ETL Processes, Data Cleaning, Data Modeling.
- **Machine Learning:** Supervised & Unsupervised Learning, Scikit-Learn
- **Business Intelligence:** Dashboard Creation, Reporting, KPIs Monitoring.
- **Tools & Technologies:** Git, GitHub
- **Soft Skills:** Problem-Solving, Analytical Thinking, Team Collaboration.

### WORK EXPERIENCE

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- Analogica Software Dev Pvt Ltd** Bengaluru  
Data Analyst & Python Automation Engineer 2023 – Present
- Developed Python scripts for automating data collection and cleaning, saving 15+ hours per week and ensuring data consistency.
  - Built SQL-based ETL pipelines to manage and structure data for analysis, improving data processing time by 30%.
  - Designed interactive Power BI dashboards for tracking KPIs and business trends, enhancing decision-making efficiency by 25%.
  - Conducted exploratory data analysis (EDA) to uncover actionable insights that informed business strategy and improved operational efficiency by 19%.
  - Automated mass email campaigns and invoicing using Python, reducing manual workload by 40%.

### EDUCATION

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- Bachelor of Engineering – Mechanical Engineering** 2016 - 2020  
R L Jalappa Institute of Technology, Doddaballapur, VTU
- PUC – PCMB** 2014 - 2016  
Poorna Prajna P U College, Chickballapur, KSEEB

### PERSONAL PROJECTS

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#### Invoice Generation

- **Tools Used:** Python, MySQL, Tkinter, Pandas
- Developed a Python-based invoicing system that automatically collects transaction data and stores it in a MySQL database for further analysis.
- Implemented automation features to generate invoices and update transaction records in the database, improving process efficiency and reducing errors.
- Performed data analysis on the collected transaction data to identify trends and patterns, generating insights on customer behavior and sales performance.

- Integrated a reporting feature using Python to generate real-time financial reports and visualizations, optimizing decision-making.

### **Global Superstore Sales Profitability Analysis**

- **Tools Used:** SQL, Python, Power BI, Pandas, Numpy
- Analyzed sales, profitability, and shipping dynamics to deliver actionable insights for improving customer satisfaction and operational efficiency.
- Built visualizations to identify high-performing products, regions, and customer segments, enabling data-informed decision-making.

### **E-Commerce Data Extraction and Analysis**

- **Tools Used:** Python (BeautifulSoup, Pandas), Power BI
- Scraped and analyzed product data from e-commerce platforms to identify pricing trends and market positioning.
- Delivered insights that aided competitive strategy formulation.

## **CERTIFICATIONS**

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### **Scala Programming for Data Science**

Certisured

Feb 2024

### **Python Engineer**

Analogica Software Dev Pvt Ltd

Jly 2022 - Dec 2022

### **Diploma in Machine Learning & AI**

Certisured

Apr 2022 - Sep 2022

### **Data Analytics with Python & SQL**

Certisured

Jan 2022 - Mar 2022

### **Data Visualization: Empowering Business with Effective Insights**

Tata Group

## **BLOGS**

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- [\*\*The Importance of SQL in Today's World: A Fundamental Data Manipulation Language\*\*](#)

Highlighted the critical role of SQL in modern data management, showcasing its applications in querying, data manipulation, and supporting data-driven decision-making.

- [\*\*Python's OOP Revolution\*\*](#)

Explored how Python's Object-Oriented Programming (OOP) features simplify code organization, enhance reusability, and support scalable application development.

## **PORTFOLIO**

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Showcasing projects and achievements in Data Analysis and Python Automation - [Portfolio Link](#).