

Skills

Programming

Languages: Python, JavaScript  
Libraries: pandas, NumPy, matplotlib,

Data Visualization

Tools: Excel (Macros, VBA), Power BI  
(DAX, Power Query, API's), Tableau

Databases and Cloud

Mongo DB, AWS S3, Data  
Warehousing, ETL

SQL

SQL(MySQL, SQL Server, PostgreSQL)

Analysis Tools

Google Sheets, SAS, Gigasheet

Collaboration Tools

Git, GitHub, Jira, Zapier

Work Experience

RESEARCH ANALYST – Appsquadz – Noida, IN October 2024 - Present

- Built and managed database of **50,000+** data points across 10+ industries via **API integrations**, driving **20%** increase in sales leads.
- Developed **10+** automated **Power BI dashboards** for market intelligence, **reducing research time** by **50%**.
- Engineered data collection through API integrations, achieving **70% reduction** in manual entry and **95% improved accuracy**.
- Transformed advanced analytics to **optimize sales strategies**, achieving **30%** higher lead qualification and productivity gain.

DATA RESEARCH ANALYST – SDAD Technology – Noida, IN July 2024 - September 2024

- Leveraged advanced Excel functions (**Macros, VLOOKUP**) across **40+ data sources**, improving executive reporting efficiency by **25%**.
- Designed **Tableau** dashboards to analyze **1M+** executive data points, driving data-backed strategic decisions.
- Streamlined reporting with **Google Apps Script**, cutting processing time by 40% and boosting accuracy.
- Generated market analysis reports using **Excel pivot tables**, identifying trends across **15+ industry segments**.

Projects

WEATHER DATA AUTOMATION– Personal Project – Python, Beautiful soup, JSON Parsing September 2024

- Developed Python script to extract weather data for **100+ locations** with **95%** accuracy in real-time collection.
- Integrated **Beautiful Soup** for data parsing, achieving 80% reduction in manual data collection time.
- Constructed daily weather reporting system for **1000+ records**, enabling efficient trend analysis.

DIGITAL PAYMENTS SQL ANALYSIS– Personal Project – MySQL, Excel (Macros, VLOOKUP) June 2024

- Optimized complex **SQL queries** with **JOINS** and **indexing**, improving data retrieval efficiency by 30% across **100K+ transactions**.
- Applied advanced SQL functions (**RANK, PARTITION BY, LIKE**) to analyze performance and customer **spending patterns**.
- Created automated Excel reports using **SQL-driven macros**, identifying **top 50 merchants** by revenue with **95%** accuracy.

BLINKIT POWER BI DASHBOARD – Personal Project – Power BI, DAX, SQL, ETL May 2024

- Implemented Power Query** transformations on **15K+** entries, achieving **99% data accuracy** for sales analysis.
- Formulated **10+ DAX measures for KPIs** including MoM growth and retention rates, **enabling real-time performance tracking**.
- Designed **interactive dashboard** with drill-through filters and custom visualizations, reducing **report time by 70%**.

Relevant Coursework

Google Data Analytics (Pursuing)  
Machine Learning and Deep Learning

Database Management System  
Amazon Web Services (S3 Buckets)

Data Visualization with Power BI  
MATLAB from MathWorks

Education

BUNDELKHAND INSTITUTE OF ENGINEERING AND TECHNOLOGY– Jhansi, U.P. Dec 2020 – July 2024  
Bachelors of Technology in Chemical Engineering (GPA: 7.9/10.0)

ANGELS PUBLIC SCHOOL– Vasundhra Enclave, New Delhi Apr 2018 – May 2019  
Senior Secondary Education (GPA: 8.54/10.0)