

# Rakesh Kumar

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## Professional Summary

Aspiring Data Analyst with expertise in SQL, Python, Power BI, Excel, and Data Visualization. Strong foundation in data cleaning, analysis, and reporting with hands-on experience in real-world projects. Previous experience in tutoring programming languages and working with data processing in IT environments. Seeking an entry-level Data Analyst role to apply analytical and problem-solving skills.

## Technical Skills

- Programming & Database: **SQL** (MySQL, PostgreSQL), **Python** (pandas, NumPy, Matplotlib)
- Data Visualization: **Power BI**, Tableau, **Excel** Dashboards
- Data Processing & ETL: SQL Queries, Data Cleaning, Web Scraping, API Integration
- Tools & Technologies: Excel (Pivot Tables, VLOOKUP, Macros), Cloud Computing, WebLogic, Linux
- Soft Skills: Problem Solving, Critical Thinking, Communication

## Education

Bharati Vidyapeeth Deemed University, Pune  
2020 | BTech in Electronics Engineering | CGPA: 8.2

## Projects

### Sales Performance Dashboard (Power BI & SQL)

- Tools Used: SQL, Power BI, Excel
- Analyzed 100,000+ sales records and created interactive dashboards.
- Used DAX functions & SQL queries for advanced data calculations.
- Insights led to a 18% improvement in sales forecasting accuracy.

### HR Analytics & Employee Attrition (Python & SQL)

- Tools Used: Python (pandas, NumPy), SQL, Excel
- Cleaned and analyzed 3,000+ employee records to identify attrition trends.
- Built a predictive attrition model using data visualization techniques.
- Provided data-driven insights to reduce employee turnover by 15%.

### WebLogic Streaming Ingestion Pipeline (IT Data Processing)

- Tools Used: Python, SQL, WebLogic, Cloud, Docker
  - Developed an end-to-end data pipeline to ingest live streaming data.
  - Optimized real-time data processing, reducing execution time by 20%.
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## Professional Experience

### Home Tutor (Python, SQL, Computer Science) | Lucknow, Uttar Pradesh | 06/2023 - Present

- Designed custom performance tracking spreadsheets using Excel & SQL.
- Taught students Python, SQL, and data visualization with real-world datasets.
- Developed automated reports for student performance analysis.

### System Engineer | Infosys, Chandigarh, Punjab | 03/2022 - 04/2023

- Processed & optimized large datasets in a cloud-based environment.
- Submitted & monitored data processing jobs on production servers using SDA.
- Managed multi-console databases, ensuring efficient data storage & retrieval.

### Apprentice Trainee Engineer | Bharat Dynamics Limited, Hyderabad | 01/2021 - 01/2022

- Created 10+ structured data reports using Excel & SQL queries.
  - Maintained complex datasets related to missile technology & defense systems.
  - Improved data accessibility & reporting efficiency by 20%.
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## Certifications

- Data Analytics Virtual Internship - KPMG
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