

# Data Analyst | Python | SQL | Power BI | Excel

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## SKILLS

Languages: - Python, SQL, PHP, JavaScript

Libraries & Tools: - Pandas, NumPy, Matplotlib, Seaborn, Power BI, Excel,

SQL: Complex Queries, Joins, Subqueries, CTEs, Data Cleaning, Aggregations, KPI Calculation, Query Optimization

Python:-Pandas,Numpy,Matplotlib,Seaborn

MS Excel:- Data Cleaning, Pivot Tables, Advanced Functions (VLOOKUP, XLOOKUP, INDEX-MATCH, IF, SUMIF), Dashboards, Charts, Business Reporting

Other Skills: - Statistics, Data Cleaning, EDA, Dashboarding, GitHub, Problem Solving

## OBJECTIVE

Data Analyst with hands-on experience in SQL, Excel, Power BI and Python through multiple real-world business analytics projects. Strong background in data cleaning, EDA, dashboarding and extracting actionable insights from large datasets. Previously worked as a freelance developer, bringing strong problem-solving and data-handling skills.

## DATA ANALYTICS & BI SKILLS

- Exploratory Data Analysis (EDA) using Python
- Data Cleaning & Visualization (Python, Excel, Power BI)
- Business Intelligence & Reporting Dashboards
- Statistical Analysis, Hypothesis Testing & Churn Analysis
- SQL Query Writing, Optimization & Performance Tuning

## PORTFOLIO WEBSITE

[rahul9-max.github.io/rahul-portfolio/](https://rahul9-max.github.io/rahul-portfolio/)

## EXPERIENCE

2021 - 2024

**Freelance Technical Consultant**

**Freelance**

Worked with structured data, databases and backend logic using MySQL and Laravel

Designed database schemas, optimized queries and handled real-world datasets

Collaborated with clients to understand requirements and translate them into technical solutions

2016 - 2020

Computer Instructor

Aliens academy kanpur (Institute Closed)

Taught MS Excel and computer fundamentals with focus on data handling and reporting

## EDUCATION

Degree / Course	University / Board	Percentage / CGPA	Year of passing
B.com	CSJM University		
MBA Finance	CSJM University		
Python for Data Analysis	GreatLearning		2025
Data Analyst	Simplilearn		2025
Pandas	Kaggle		2025
Data Analyst skillpath	Udemy		2025
PHP with MYSQL	Simplilearn		2023
Frontend Development Libraries	FreeCodeCamp.org		2023

## PROJECTS

### E-commerce Data Analysis (SQL)

Duration:5 days

Analyzed 50K+ records across Customers, Orders, Products and Payments using complex SQL joins

Identified sales trends, top customers and high-performing products

Improved query performance and data accuracy using relational database techniques

### Pizza sales (SQL and PowerBI)

Duration:4 days

Performed data cleaning and analysis on pizza sales data using SQL to derive key business insights.

Created Power BI dashboards to visualize sales performance, top-selling pizzas, and revenue trends.

Combined SQL-based insights with interactive visual reports for better decision-making.

### Coffee sales dashboard (SQL and PowerBI)

Duration:4 days

Analyzed coffee sales data using SQL and developed interactive Power BI dashboards.

Visualized Sales by Category, Sales by Product, and created Tooltip Calendar and Hour/Day charts for detailed insights.

Enabled stakeholders to monitor sales patterns and make data-driven decisions.

### HR Analytics Dashboard (Power BI)

Duration:2 days

Built an end-to-end HR Analytics dashboard using CSV data in Power BI, including data cleaning, transformation, and visualization.

Analyzed employee attrition across Age, Salary, Education, Job Role, and other factors.

Calculated and showcased Average Salary, Average Age, and other key HR metrics for actionable insights.

### **E-commerce Dashboard (Python)**

Duration:3 days

Analyzed multi-table e-commerce dataset (Customers, Orders, Products, Payments, Sellers, Order\_Items, Geolocation) using Pandas and NumPy.

Performed data cleaning, merging, filtering, and aggregation entirely in Python without SQL.

Explored customer behavior, sales trends, top products, and revenue by region.

Visualized insights with Matplotlib and Seaborn to support data-driven business decisions.

### **Netflix Data Analysis & Data Science (Python)**

Duration:4 days

Conducted end-to-end analysis of Netflix user and subscription data using Pandas and NumPy.

Performed data cleaning, exploratory analysis, and statistical tests, including hypothesis testing and churn analysis.

Extracted actionable insights on user behavior, subscription trends, and content performance.

Visualized results using Matplotlib and Seaborn, presenting key metrics for business decision-making.

### **ADDITIONAL PERSONAL INFO**

Address 80/8 Shastri Nagar,, Kanpur, Uttar Pradesh, 208005

Date of Birth 09-09-1991

### **STRENGTHS**

- Willingness to learn new tools and technologies.
- Positive attitude towards challenges and teamwork.
- Creative approach to solving analytical problems.
- Patience while working with complex datasets and code.

### **LINKEDIN**

[https://www.linkedin.com/in/rahul-verma-252173224?utm\\_source=share&utm\\_campaign=share\\_via&utm\\_content=profile&utm\\_medium=android\\_app](https://www.linkedin.com/in/rahul-verma-252173224?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app)

### **GITHUB LINK**

<https://github.com/rahul9-max>