

## Skills

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- SQL ( MySQL, PostgreSQL)
- Python (Pandas, NumPy, Matplotlib, Seaborn)
- Excel (VLookup, Tables, Countifs, Sumifs, Pivot)
- Microsoft Azure (DataBricks,Data Lake,Warehousing)
- PySpark
- Microsoft Power BI

## Work Experience

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### TECHNICAL SUPPORT ASSOCIATE – TECH MAHINDRA – Hinjewadi phase 3, Pune

July 2023 - Current

- Enhanced agent productivity from 65% to 80% by implementing strategic incentive programs, optimizing efficiency while maintaining cost.
- Conducted an in-depth analysis of 35,000+ data rows using Python, SQL, and Excel, identifying a potential 10%+ revenue increase through optimized Average Handling Time (AHT), and presented findings using data visualization to key stakeholders.
- Generated weekly and monthly performance dashboards for leadership review.
- International teamwork (6 members) and presenting to various stakeholders across the globe including VP corporate level reporting
- Performed comprehensive monthly performance evaluations of associates using SQL and Excel, delivering insights to team leads to bridge KPI gaps and improve overall performance by 10%-15%.

## Projects

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### Walmart data sales analysis – SQL and Python Project

February 2024

- Conducted an extensive analysis of 20,000+ data rows using Python libraries, employing data cleansing techniques such as .info(), .fillna(), and isnull() to ensure data accuracy and consistency.
- Performed data cleaning and text analysis to successfully identify the major sales trend
- Determined which branch generates the highest revenue and what appropriate actions we need to take for other branches

### python movie correlation – python Project

January 2024

- Performed exploration of the data with jupyter notebook and vs code over 20000 + rows
- Applied advanced data transformation techniques, including data validation, handling missing values, and removing duplicates, to extract meaningful business insights.
- Loaded and visualized data with seaborn and matplotlib libraries to identify key business intelligences that can improve business
- Identified and visualized correlations between movie budgets and gross earnings using heatmaps and statistical correlation functions, providing valuable business intelligence.

### Netflix projects– SQL Project

January 2024

- Used SQL to analyze 8800+ rows to understand the impact of it and gain insights on business with various business questions
- Created SQL queries with ctes to get an insight into complex data
- Aggregated same table with joins and found out the common rating given for movies and TV shows

### World layoffs data– SQL Project

December 2024

- Created complex queries over 2000 + to understand if the industry has major impact on layoffs due to funds raised
- Cleaned data with different clauses to ensure data completeness and validity
- Analyzed whether a company's status and locality has any correlation to layoffs or not
- Provided insights into layoff trends based on industry factors

### HR analysis – PowerBi and Excel Project

November 2024

- Used Excel to understand the structure of data over to get insights on it
- Transformed and filtered data using pivot tables and advanced filtering functions with Power Query.
- Loaded and visualized data with PowerBI to identify key business intelligences that can improve productivity 2-3%.

## Education

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Bachelor of commerce in finance – Pune university – Pune  
Majors: Finance, Economics and Accounts.

August 2022