

# JANANI P

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## PROFILE

Aspiring Data Analyst and software testing with Proficient in software testing, Python, Excel and Power BI. Skilled in data visualization, statistical analysis, and creating dynamic dashboards and reports. Known for meticulous attention to detail and delivering high-quality insights. Committed to continuous learning and professional growth in data analytics.

## PROFESSIONAL EXPERIENCE

### Data Analyst Intern-Besant Technologies

Jul 2024 – Jan 2025 | Chennai, Tamil Nadu

- Wrote queries and managed databases using MySQL to get useful data insights.
- Used Excel for data analysis, creating reports with functions, pivot tables, and charts. Built interactive dashboards using Power BI to display key business data.
- Worked on projects to clean, analyze, and visualize data for better decision-making.

## EDUCATION

### Bachelor of Engineering (Electronics and Communication)

2020 – 2024 | Chennai, India

St.Joseph's College Of Engineering

CGPA: 9

### Data Analytics

2024

Besant Technologies

## TECHNICAL SKILLS

**Database Management:** – MY SQL - (DDL, DML, DQL| Joins| Command | Group| Windows Function| Subqueries)

**Data Analysis :** – Excel - (Data Cleaning and Preparation| Excel Functions | Data Analysis Functions | Data Visualization | Pivot Tables and Pivot Charts | Dashboard Design).

**Data Visualization:** – Power BI (Dashboards | Data Modeling | DAX Functions | Advanced Visualizations | Power Query)

**Programming language:** – Python (Numpy, Pandas, Matplotlib)

## PROJECTS

### Retail Sales Performance Analysis using Python & MySQL

Dec 2024 – Jan 2025

**Technologies:** Python, Pandas, Jupyter Notebook, MySQL

- Imported and preprocessed a retail sales dataset from Kaggle using Python.
- Cleaned data in Jupyter Notebook with pandas, handling missing values and inconsistencies.
- Loaded the cleaned dataset into MySQL for structured analysis.
- Analyzed key business metrics to extract insights:
  - Identified top 10 highest revenue-generating products.
  - Found top 5 highest-selling products by region.
  - Compared month-over-month sales growth (2022 vs. 2023).
  - Determined highest sales month for each product category.

### Weather Predictions Project (Python)

Nov 2024 – Dec 2024

**Tools & Libraries:** Utilized Python libraries such as NumPy, and pandas.

- Predicted weather conditions using Python, focusing on data cleaning and exploratory data analysis.
- Cleaned and pre-processed raw weather datasets for accurate analysis.
- Analysed weather parameters like temperature, relative humidity, wind speed, and visibility.
- Performed statistical operations: mean, standard deviation, variance, and value counts.
- Applied group by, str. contains, rename, and filtering techniques for data manipulation.

## CERTIFICATES

Business English Certificate  
Preliminary

Data Analytics Program  
– Besant Technologies

## DECLARATION

I declare that information provided in this resume is accurate and true to the best of my knowledge