

# SNEHAL DESAI

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## PROFILE SUMMARY

Results-driven Data Analyst with **2.8 years of industry experience** in analytics, reporting, and business intelligence. Demonstrated **hands-on exposure** to Power BI, SQL, Excel, Tableau, and Python for building insight-driven dashboards and analytical solutions. Strong background in ETL workflows, data modeling, KPI tracking, and data validation. Proven ability to interpret complex datasets into meaningful insights that support strategic planning and operational efficiency. Adept at collaborating with stakeholders to deliver automated, scalable, and performance-optimized reporting solutions.

## SKILLS

- Business Intelligence & Visualization:** Power BI, Tableau, Dashboard Development, Visual Analytics
- Data Processing & Engineering:** ETL Processes, Data Preparation, Data Validation, Data Integration
- Analytics & Querying:** SQL, DAX, Advanced Excel, Trend Analysis
- Programming & Analysis:** Python (Pandas, NumPy, Matplotlib, Seaborn)
- Tools & Platforms:** Git, VS Code, SSMS, Postman, Jupyter Notebook
- Business Concepts:** KPI Tracking, Data Modeling, Reporting Automation, Stakeholder Communication, Data Warehousing Concepts

## WORK EXPERIENCE

### Software Engineer Cognizant Technology Solutions (CTS) | December 2021 - July 2024

- Engineered enterprise Power BI dashboards utilizing advanced DAX logic to improve reporting accuracy and data clarity.
- Optimized SQL queries and database structures to enhance data retrieval speed and reporting reliability (reduced query execution time by ~30%).
- Applied practical experience in data cleansing, transformation, and quality checks using Python libraries.
- Established reusable BI components to maintain visual consistency and scalable dashboard architecture.
- Streamlined scheduled reporting processes, reducing manual intervention and improving turnaround time.
- Coordinated with business and technical teams to convert requirements into actionable analytical outputs.
- Supported leadership decisions by tracking operational metrics, trends, and performance indicators.

## PERSONAL PROJECTS

### 1. Pizza Sales Analysis

Power BI, Python, SQL

#### Roles & Responsibilities:

- Conducted end-to-end analysis of sales datasets to identify revenue distribution and customer purchase behavior.
- Structured and refined raw data using SQL transformations and Python preprocessing techniques.
- Designed interactive Power BI dashboards showcasing revenue share, order value, and product-level performance.
- Enabled in-depth analysis using drill-through pages and dynamic slicers.
- Identified top-performing outlets contributing the majority of overall revenue.

### 2. IPL Performance Analysis(2008-2025)

Power BI, DAX

#### Roles & Responsibilities:

- Performed multi-season data evaluation to assess team consistency and player effectiveness.
- Built optimized data models and derived performance indicators through calculated DAX measures.
- Created comparative dashboards for batting, bowling, and match outcome trends.

- Integrated interactive filters for season-wise, team-wise, and player-wise insights.
- Highlighted consistent contributors influencing a significant portion of match outcomes.

### 3. Uber Trip Analysis

Power BI, Python, SQL

#### Roles & Responsibilities:

- Executed comprehensive analysis of ride-hailing datasets to uncover demand fluctuations and usage patterns.
- Extracted and examined data using SQL queries and Python exploratory techniques.
- Consolidated transformed datasets into Power BI for structured reporting.
- Built visuals to monitor trip volume, driver utilization, and peak demand windows.
- Delivered insights supporting operational planning and efficiency improvement initiatives.

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## EDUCATION

Bachelor of Engineering (Computer Engineering), Dr. Daulatrao Aher Engineering College, Karad

2021

Higher Secondary Certification Examination, Yashwantrao Chavan College Of Science, Karad

2017

Secondary School Certification Examination, Lahoti Kanya Prashala, Karad

2015

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## CERTIFICATIONS

- Power BI Micro Course
- SQL Micro Course
- Data Analyst Bootcamp From Basics to Advanced (Udemy)
- Microsoft Excel Data Analysis: Become a Data Analysis Expert (Udemy)