SNEHAL DESAI

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LinkedIn | Github | Portfolio

PROFILE SUMMARY

Results-focused data professional with **2.8 years of experience** in analytics, reporting, and business intelligence. Strong hands-on expertise in **Power BI, SQL, Excel, Tableau, and Python**, with practical knowledge of **ETL workflows, data modeling, KPI monitoring, and data validation**. Proven ability to convert complex datasets into **meaningful business insights** that support strategic decisions and improve operational effectiveness. Experienced in working with cross-functional stakeholders to develop intuitive dashboards and implement automated reporting solutions that enable timely and accurate decision-making.

WORK EXPERIENCE

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

- Designed and supported enterprise-level **Power BI dashboards** leveraging advanced **DAX logic** to improve reporting precision by **25%**.
- Enhanced data retrieval performance by restructuring **SQL queries**, enabling faster and more reliable reporting across teams.
- Executed data preparation tasks including cleansing, transformation, and validation using **Python (Pandas, Matplotlib)** for operational analysis.
- Standardized modular BI assets to ensure consistent visualization, scalability, and optimal dashboard performance.
- Collaborated with cross-functional stakeholders to streamline automated report distribution, lowering manual effort by **30%** and accelerating delivery timelines.

SKILLS

- **Data Analytics & BI Tools:** Power BI, SQL, Advanced Excel, DAX, Tableau
- **Programming & Scripting:** Python (Pandas, NumPy, Matplotlib, Seaborn), Web Scraping, Statistics
- **Tools & Platforms:** VS Code, Git, Postman, SSMS, Jupyter Notebook
- **Database:** SQL
- **Key Area:** Data Visualization, KPI Tracking, Data Modeling, Data Cleaning, ETL, Statistical Analysis, Business Intelligence

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PERSONAL PROJECTS

1. Pizza Sales Analysis   Power BI, Python, SQL

Roles & Responsibilities:
- Evaluated sales datasets to uncover revenue behavior, customer buying patterns, and seasonal demand shifts.
- Processed and refined raw data using SQL queries and Python (Pandas) to maintain consistency and reliability.
- Constructed interactive Power BI reports presenting key metrics such as revenue contribution, order value, and product performance.
- Enabled detailed exploration through dynamic filters and drill-through pages.
- Revealed a 28% rise in premium pizza demand and pinpointed five outlets generating 60% of total revenue, supporting strategic insights.

2. IPL Performance Analysis(2008-2025)   Power BI, DAX

Roles & Responsibilities:
- Assessed multi-season IPL data to study player impact, team stability, and competitive trends.
- Designed efficient **data models** and applied **DAX measures** for advanced performance metrics.
- Produced insightful dashboards illustrating batting, bowling, and match result comparisons across seasons.
- Incorporated interactive slicers for team-wise, player-wise, and season-wise evaluation.
- Highlighted key contributors responsible for nearly 72% of match results, emphasizing consistency and influence.

3. Uber Trip Analysis   Power BI, Python, SQL

Roles & Responsibilities:
- Investigated ride-hailing data to identify demand fluctuations, peak usage periods, and fare variation patterns.
- Conducted exploratory analysis using Python (Pandas, Seaborn, Plotly) along with SQL-based data extraction.
- Consolidated transformed datasets into Power BI for structured reporting.
- Developed visuals tracking trip distribution, driver utilization, and time-based demand.
- Delivered insights that led to a 15% gain in operational efficiency and a 20% improvement in resource allocation.

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

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)