SNEHAL DESAI

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LinkedIn | Github | Portfolio

PROFILE SUMMARY

Analytical and performance-driven Software Engineer with 2.8 years of experience in data analytics, data visualization, and reporting. Proficient in Power BI, SQL, Excel, Tableau, and Python with strong expertise in ETL processes, data modeling, and KPI tracking. Adept at transforming raw datasets into clear insights that support business strategy and enhance operational efficiency. Skilled in collaborating with cross-functional teams to deliver interactive dashboards and automate reporting workflows for timely decision-making.

WORK EXPERIENCE

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

- Built and maintained Power BI dashboards with advanced DAX calculations, enhancing reporting accuracy by 25%.
- Optimized SQL queries for faster data extraction and streamlined report generation across departments.
- Applied Python (Pandas, Matplotlib) for data cleaning, transformation, and ad-hoc analysis to support business operations.
- Developed reusable BI components ensuring uniform design and performance across dashboards.
- Partnered with teams to automate report delivery, reducing manual workload by 30% and improving turnaround time.

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

Pizza Sales Analysis   **Power BI, Python & SQL**

- Examined pizza sales data to identify revenue trends, customer preferences, and seasonal variations.
- Used SQL and Python for preprocessing and Power BI for visualization to generate actionable insights.
- Reported a 28% increase in premium pizza sales and identified five outlets driving 60% of total revenue.

IPL Performance Analysis(2008-2025)   **Power BI & DAX**

- Interpreted IPL datasets to uncover performance patterns, player stability, and tournament dynamics.
- Created dashboards visualizing batting averages, wicket tallies, strike rates, and win–loss ratios for multiple seasons.
- Identified key players influencing 72% of match outcomes, highlighting performance consistency and major trends.

Uber Trip Analysis   **Python, Power BI & SQL**

- Investigated trip data to study booking behavior, peak hours, and surge pricing patterns.
- Leveraged Python (Pandas, Seaborn, Plotly) and SQL for analysis, integrating insights into Power BI

dashboards.
- Achieved a 15% increase in operational efficiency and 20% improvement in resource utilization through data-driven insights.

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)