

MANTHAN JADAV

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A **Python Enthusiast** who has a high motivation to learn and explore the field. My passion of **data analysis** coupled with my love for creating and writing allows me to bridge the gap between **data** and **human understanding**. I am adept at **collaborating with colleagues**, conducting thorough **research**, and **delivering clear** and **compelling narratives**.

EDUCATION

Bachelor of Engineering (Computer Science)

Ahmedabad Institute of Technology

Oct 2021 - Present

CGPA 8.04/10 (Current)

Class 12th – GSEB

A B School

April 2020 – May 2021

Percentage - 83%

Class 10th - GSEB

SIGV

March 2018 – May 2019

Percentage - 82%

EXPERIENCE

Python Intern, PRP TECHNOLOGIES

June 2024 – July 2024

- Learning the importance of **Python** And its **library** like Numpy, Scikit learn, Pandas and matplotlib.
- Developed Expertise in Data Cleaning, **EDA** and Data Visualization.
- Gained fundamental knowledge in Python based **Computer Vision** and **Machine Learning**.
- Designed and implemented a **GUI-based Python project** and end-to-end development skills

Django Intern, Infolabz

June 2024 – July 2024

- Implement hands-on experience in developing dynamic and scalable web applications using Django.
- Building **user authentication** and **role-based access control** using Django's built-in authentication system.
- Integrated Django backend with frontend technologies like **HTML**, **CSS**, **JS**, and **Bootstrap** for responsive design.

ACADEMIC PROJECTS

Weather Webapp (Python GUI)

- Created a **Python-based GUI** application real-time weather forecasting, leveraging object-oriented programming principles.
- Utilized **APIs** (e.g., OpenWeatherMap) to fetch live weather data.
- Built an interactive and **user-friendly** graphical interface using Python libraries like “**Tkinter**” or “**Pytz**.”

Diwali Sales Analysis Using Python

- Performed Data **Cleaning** and Data **Manipulation**
- Implement Exploratory Data Analysis(**EDA**) using **Pandas**, **Matplotlib** and **Seaborn** libraries.
- Analyze **potential customers** across different states, occupations, gender and ages groups.
- Improved sales by **identifying most selling product** categories and products, which can help to **plan inventory** and hence **meet the demands**.

HR Analytics Dashboards

- Create **interactive** dashboards to track and analyze data.
- Developed database connections, join new tables, calculation to manipulate data and enable user driven parameters for visualization.
- Created various **customized visualizations**, including bar charts, pie charts, donut charts, area charts, maps, and slicers.

SKILLS

- **Programming Languages:** Python (NumPy, Matplotlib, Pandas, Django)
- **Databases:** PostgreSQL, Django, SQL
- **Analytics Tools:** Power BI, Microsoft Excel, Jupyter Notebook, Pycharm
- **Soft skills:** Communication, Team Work
- **Languages:** English (Limited Working Proficiency), Gujarati and Hindi (Native/bilingual proficiency)

CERTIFICATIONS

- Advance Course on Emerging Technologies by SAP
- Data Science Course on NPTEL
- Data Science in our World by IBM SkillBuild