KAIVALYA SATAV

PURSUING B.E IN COMPUTER ENGINEERING

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SUMMARY

Strong knowledge of data analytics and visualization using Python libraries like Pandas, Matplotlib, and Seaborn in Jupyter Notebook. Experienced in building interactive web applications using Streamlit. Collaborative team player with excellent communication and analytical skills, eager to contribute, innovate, and continuously learn.

EDUCATION

B.E. Computer Engineering (Pursuing) **2022 - 2026** **Current SGPA: 8.43**

Dhole Patil College of Engineering, Pune (SPPU)

TECHNOLOGIES

- Programming: Python, SQL, JavaScript, HTML5, CSS
- Frameworks: Django
- Python Libraries: Pandas, Matplotlib, Seaborn, Streamlit
- Tools: WordPress, Jupyter Notebook, Graphic Designing
- Concepts: AI, Data Structures, API Integration, Data Visualization

INTERNSHIP

Data Science Intern – Cognifyz Technologies

- Level 1: Data exploration, preprocessing, descriptive analysis, and geospatial visualization.
- Level 2: Table booking and price range analysis, feature engineering.
- Level 3: Predictive modeling, customer preference analysis, and data visualization.

PROJECTS

1. **Sales Prediction Using Python:-**

- Objective: Built a sales prediction model using advertising data (TV, Radio, Newspaper) to forecast sales.
- Key Tasks: Conducted data preprocessing, exploratory analysis, and implemented a Linear Regression model.
- Technologies Used: Python (Pandas, Seaborn, Matplotlib, Scikit-learn).
- Outcome: Delivered actionable insights to optimize advertising budgets and maximize sales potential.

2. **Fraud Detection model using Random Forest:-**

- Developed a fraud detection model using Random Forest for credit card transactions.
- Preprocessed data by normalizing features and handling class imbalance with undersampling.
- Achieved high performance with precision, recall, and F1-score metrics.
- Implemented the project using Python with Pandas, Scikit-learn, and Matplotlib.

3. **Speech-to-Text Conversion**

- Designed a Python-based application integrating OpenAI's API to efficiently transcribe spoken input into text with high accuracy.
- Developed a dynamic and user-friendly GUI using Tkinter, enabling seamless interaction for users.
- Enhanced application robustness with real-time speech recognition, diverse speech pattern handling, and error management.
- Added support for saving transcripts locally, enabling easy documentation and accessibility for users.

4. **Personal Website – Healthipath**

- Built and managed a WordPress-based health and lifestyle website, focusing on delivering high-quality and engaging content.
- Integrated SEO best practices to improve search engine rankings and drive organic traffic growth.
- Regularly updated the website with optimized performance and responsive designs for enhanced user experience.
- Incorporated analytics tools to track visitor engagement and adapt content strategies accordingly.

COURSES

- Python Data Structures & Algorithms + LEETCODE Exercises, UDEMY
- The Complete Web Developer Course 3.0, UDEMY
- The Complete Python Bootcamp From Zero To Hero In Python, UDEMY
- Graphic Designing Proficiency Program, Younity