# Upendra Gosavi

## Data Scientist & Data Analyst

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"As a data professional, expertise in data science is a testament to strong analytical capabilities and problem-solving skills. Meticulous attention to detail is applied to navigate the intricate landscape of data, unlocking hidden potential. Let's embark on a collaborative journey to create data-powered solutions and shape the future of analytics collectively."

## Work History

### ISF Analytica and Informatica Pvt. Ltd.
*April 2023- Sep 2023*

*Data Scientist*

- Developed 5 interactive dashboards for the EasyLearn platform using Looker Studio and PowerBI.
- Created and optimized SQL views and queries, resulting in a 15% reduction in data extraction time.
- Conducted data analysis on a dataset of 50,000 records, identifying key trends and insights.
- Collaborated with a team of 3 data scientists, contributing to 2 successful data-driven projects.
- Pre-processed and cleaned a dataset of 10,000 records, ensuring data quality and accuracy.

### Ai Variant
*Sep 2022 - Feb 2023*

*Data Scientist (intern)*

- Pre-processed and cleaned data for analysis, handling a dataset of 20,000 records.
- Analyzed data using statistical techniques, leading to valuable insights.
- Completed a comprehensive data science internship program, participating in 6 projects.
- Collaborated with a team of 5 data scientists and received mentorship from experienced professionals.
- Developed tailored dashboards aligned with specific client requirements, utilizing tools such as Power BI and Tableau to craft customized visualizations.

## Technical Skills

- Languages : **Python** (**NumPy**, **Pandas**, **Scikit-learn**, **Matplotlib**)
- Databases : **MySQL**, **SQL Server**.
- Data Visualization : **Power BI**, **Looker Studio**, **Seaborn, Tableau**
- Data Wrangling : **Web Scraping** using **BeautifulSoup , Data Mining, Data Preprocessing**
- Machine Learning : **Regression, Clustering, Classification, Natural Language Processing (NLP)**
- Deep Learning : **CNN, ANN, Keras ,TensorFlow**
- Microsoft Office : **Advance Excel**
- Data Science : **Supervised Learning, Unsupervised Learning**

## Skills And Interests

- Goal Setting, Knowledge Acquisition
- Details Oriented, Data Integrity
- Reporting
- Data Analytics, Data-driven Decision Making
- Statistical Analysis,
- Data Professional
- Presentation skills
- Analysis Skills

## Certifications

**IBM Certification in Data Science** 2023
*June 2023*

**Mastars Program In Data Science**
NASSCOM
*June 2023*

**Python for Data Science, AI & Development**
Data Science Corner - 2022
*October 2022*

## Education

### Certified Data Scientist and Data Analyst
*Feb 2023*

ExcelR Solutions

### Bachelor of Computer Science
*April 2022*

Sangai International University

**Diploma In Information Technology**                                                      *April 2019*

Maharashtra State Board of Technical Education (MSBTE)

**Secondary School Certificate (SSC)**                                                     *March 2014*

Maharashtra Board

## Projects

### Potato Leaf Desease Detector

- A robust dataset comprising images of potato leaves, both healthy and diseased, underwent thorough preprocessing and served as the foundation for training a CNN model. Achieving high-performance metrics, this trained model is now poised for deployment, enabling automated identification of potato leaf diseases in practical settings.

**Git Link**

### TalkDB: Chat with Your Database, No Queries Needed!

- Unlock effortless database interactions using GooglePalm's LLM. Ask questions in natural language, and our project, with Hugging Face encoding and Semantic Search, delivers precise results. No queries needed – just seamless, accurate insights tailored for you.

**Git Link**

### ChatBot: Conversational AI Maestro

- Crafted a personalized chatbot using GooglePalm, Hugging Face embeddings, and Faiss, enabling seamless, dynamic conversations. Demonstrated expertise in AI technologies, enhancing user interactions through natural language engagement.

**Git Link**

### Netflix TV Shows and Movies Analysis using Tableau

- Utilizing visualizations like bar plots, maps, and genre distributions, the analysis delved into Netflix's content landscape. Revealing insights on content ratings, geographic representation, genre preferences, and temporal trends, the project uncovered key patterns guiding Netflix's content strategy, shaping content acquisition and catering to user preferences. Explore the Dashboard to delve into this project and further data analysis endeavors.

**Dashboard Link**

### TripAdvisor Insights: Unveiling Hospitality Dynamics using Tableau

- Visualized user activity over time with dynamic bubbles, showcased hotel ratings via bar charts, uncovered prevalent travel types using treemaps, displayed global user demographics with horizontal bars, highlighted top hotels by bookings, and analyzed service preferences with concise text tables. These visualizations offered insights into user behavior, hotel quality, travel preferences, and service choices for strategic decision-making.

**Dashboard Link**

### Roadside Accidents Analysis Using Power-bi

- Analyzed this year's roadside accidents, detailing casualties (fatalities, serious, slight injuries). Employed Power BI for visuals on vehicle involvement, month trends compared to last year, and specific factors like road type, urban/rural areas, and light conditions. Extracted insights to enhance safety strategies.

**Dashboard Link**