MANOJ INGALE

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Objective:

Experienced Analyst with 2.4 years in analyzing trends and optimizing business processes. Looking to apply strong analytical and problem-solving skills to support strategic initiatives.

Professional Summary:

- 2.4 years of experience in data analysis, reporting, and business intelligence across diverse domains.
- Proficient in **Python, SQL, Excel,** and **visualization** for data-driven decision-making.
- Skilled in interpreting complex datasets, identifying trends, and presenting actionable insights to stakeholders.
- Familiar with data cleaning, transformation, and automation of reporting workflows using **Python and SQL**.
- Expertise in using machine learning algorithms for **classification**, **regression**, and **clustering** tasks.
- **Currently learning GenAI, Large Language Models (LLMs), Hugging Face ecosystem, and Retrieval-Augmented Generation (RAG) frameworks, and have foundational knowledge in these areas.**

Technical Skills:

Programming Language : Python, R
IDE: Jupyter Notebook, Google Colab.
Database: SQL, MYSQL.
Python Libraries : Numpy, Pandas, Matplotlib, Seaborn.
Web Scrapping : BeutifulSoup(bs4)
Machine Learning : Scikit Learn, Plotly.
Deep Learning: Tensorflow, Keras, OpenCV.
Natural Language Processing: NLTK, Spacy.
Gen AI : Langchain, Transformers, LLM, Hugging Face, RAG.

Professional Experience:

Senwell Solutions_____(Aug 2023 – Jan 2025)

Project Name: Chronic Disease Risk Prediction.

Role: Analyst (Healthcare Domain)

Project Description: Developed a predictive model to assess the risk of chronic diseases using patient health records. Utilized ML techniques to analyze risk factors, enabling early diagnosis and improved preventive care.

Role Responsibility:

- Developed and deployed **predictive models** for patient risk assessment, disease progression, and treatment effectiveness.
- Conducted **data preprocessing and feature engineering** using Python (Pandas, NumPy) to handle **large-scale datasets**.
- Built **machine learning models** (Logistic Regression, Random Forest) to predict **patient readmission rates & chronic disease risks**.
- Select and engineer features to **improve model** accuracy and performance.
- Collaborated with **clinicians, data engineers** to translate medical data into actionable insights.

Environment: Python, Pandas, NumPy, Scikit-learn, Jupyter Notebook, SQL.

Zummit Infolabs _____ (Oct 22- Feb 23)

Project Name : News Summarization and Text-to-Speech Application
Role: Jr. Datascientist (Interns)
Description : Develop a web-based application that extracts key details from multiple news articles related to a given company, performs sentiment analysis, conducts a comparative analysis, and generates a text-to-speech (TTS) output in Hindi. The tool should allow users to input a company name and receive a structured sentiment report along with an audio output.
Responsibilities:

- **News Extraction**: Scrape title, summary, and metadata from news articles using BeautifulSoup.
- **Sentiment Analysis**: Analyze article sentiment (positive/negative/neutral).
- **Comparative Analysis**: Compare sentiment across articles for insight.
- **Text-to-Speech**: Convert summary to Hindi audio using open-source TTS.

Extra Activity (Use Cases):

1) Drowsiness Detection by using OpenCV, dlib.
2) Cat vs Dog Classification by using CNN.
3) Skin Disease Classification Using CNN.
4) AI pdf summarization by using RAG.
5) Generate text the by using Transformers.

Education:

- M.SC (Statistics) || Shivaji University || Oct 20 – Aug 22 ||

Personal Details:

- **Language :** English, Hindi, Marathi
- **Permanent Address :** Sangli, Maharashtra, India - 416410

Declaration:

I hereby confirm that all the details furnished above are authentic and accurate to the best of my belief.

Date:_____

Place : (IND)