ANKIT BALIYAN

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Summary

Adaptative professional with a fervent interest in Data Science, Machine Learning and Data Visualization, underpinned by a robust proficiency in Python and a talent for storytelling. I possess a quick-learning aptitude that consistently translates into exceeding performance benchmarks in diverse operational landscapes.

Skills

- Machine Learning Algorithm (Regression, Classification, NLP, Time Series, Building pipelines) for predictive Analysis
- Generative AI: Large Language Model using Open AI, Google Generative AI, Llama2, LangChain, RAG Model
- Business Intelligence / Data Visualisation (with Python, Tableau, PowerBI), Figma
- Advanced Excel, Feature Engineering, Statistical Analysis, Hypothesis Testing

Tools Known

- Python, MySQL, R-Programming, Tableau, PowerBI, Figma, Streamlit, Docker, Django, Azure, VMs,

Completed Projects

Advanced Large Language Model (LLM) Initiatives

- Development of an Interactive Chat Bot leveraging OpenAI and Google's Generative AI APIs.
- Deployed interactive Web App for Sentiment analysis using OpenAI's best in class "gpt-4-1106-preview" model.
- Designed and deployed Web App using LLM to generate response from given resources over Django Framework.
- Designed a Streamlit web application for real-time stock market analysis tailored to user-specified stocks.

Generating response of Custom Dataset – Using RAG Model

- Get response from your own dataset to avoid model hallucination (RAG Model)
- WebApp for Resume analysis with AI to filter topmost relevant resume for given Job Description.
- Web Assistant to fetch information from given Website's sitemap and ready to serve all your request.

Analysis – Python, SQL, Advanced Excel

- Customer Sales Analysis with SQL with complex
- Analyzed Hotel Booking to data to optimize revenue.
- Created Advanced Dashboard for NGO – Aangan to track the performance from survey data.

Predective Modeling

- Lubricant Inventory Forecast for BPCL.
- Predicting if the car purchase at the auction "IsBadBuy"
- Movie reviews Sentiment Analysis using ML and API call

Academics

Indian Institute of Management, Indore   *Sept 2022 – Aug 2023*
Integrated Program in Business Analytics

- Ranked 2nd in batch of 83 (score: 3.96/4.33)
- Learned EDA, Feature Engineering, Data pre-processing and various kind of ML models including Deep Learning

University of Delhi, Delhi   *July 2013 – May 2017*
B. Tech in Electronics

- Academic score: 71.4%
- "The Helping Hand: Smart Glove using Flex Sensors": Build a low cost proto-type hand glove that bridge the communication gap for mute people and published research paper in DU Journal - link

Work Experience

Amazon Development Center India Ltd.   *Sept. 2021 - Present*

- Proficiently managed a daily workload with a remarkable 95% in quality score.
- Analyzed data, evaluating performance against over 10 key performance indicators (KPIs).
- Working towards building Virtual Assistant which will automate the process of analysis.

Freelancing with NGO - Aangan   *Dec. 2023-Jan 2024*

- Developed advanced Excel Dashboards to effectively present survey insights with leadership
- Dashboard automation with Python which reduced the time to draw insights from 15 days to 2 hours.
- Developed webapp for translating multilingual survey data for better analysis using API calls