Thakur Aryan Singh

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Skills

Languages: Python, SQL, DAX, APEX, Java, HTML, CSS3 - (Intermediate)

Technologies & Tools: Salesforce (6x Superbadge Certified, Lightning Experience), Power BI, Excel (Advanced), Git-hub, MySQL, MongoDB, Scikit-learn, Matplotlib, Seaborn, Talend, Jupyter notebook, VS code, Prompt Engineering (GPT-based models, optimizing AI responses)

Experience

SmartInternz, Hyderabad   Nov 2024 - Jan 2024
Salesforce Developer

- Developed a Salesforce solution to optimize field service management with custom objects.
- Boosted operational efficiency by 30% and reduced service costs by 20% through automation using Apex, resulting in faster service delivery and enhanced customer satisfaction.
- Utilized Salesforce Lightning Experience, Apex, Developer Console, and created custom objects, reporting, and dashboards to streamline field service operations.

MENTORNESS, Ahmedabad   May 2024 - June 2024
Data Analyst Intern (Remote)

- Analyzed cost of living data to identify trends and key cost components across cities and countries.
- Performed data cleaning, transformation, and EDA in Power BI, improving data processing efficiency by 25% and reducing analysis time by 30%. Created a global economic disparities dashboard for strategic decision-making.
- Power BI, MS Excel, MySQL, Data Cleaning and Transformation, Exploratory Data Analysis (EDA).

Education

Hyderabad Institute of Technology and Management   2021 - 2025
Bachelor of Technology in Data Science

Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining

Project Work

- **G.A.R.V.I.S** An intelligent desktop voice assistant that automates tasks like reminders, web searches, and music playback, and adapts to user preferences through voice commands and machine learning. Accomplished improved productivity by implementing G.A.R.V.I.S. with **Python, Speech Recognition, NLP, and gTTS (Google Text-to-Speech)**, which led to a seamless and adaptive user experience. Integrated external APIs (e.g., Wikipedia, Wolfram Alpha) and utilized Machine Learning for personalized responses.
- **Customer Segmentation** performed unsupervised clustering on customer records from a grocery firm's database, using techniques like the **Elbow Method** for optimal cluster determination and Agglomerative Clustering for grouping customers based on behavioral traits like spending and income. This resulted in a **25% improvement in targeted marketing strategies** and a **20% increase in customer retention** through tailored campaigns and product modifications.

Achievements

- **Student Career Ambassador at HITAM** promoted career development initiatives, provided peer mentorship, facilitated alumni engagement, enhancing career readiness and leadership skills.
- **Orientation and Incubation Training Program at Avishkaran, NIPER Hyderabad** successfully completed the program on innovation and incubation.
- **Presented research paper** at the Eleventh International Conference on Transformations in Engineering Education (ICTIEE 2023).

Publications

- Engineering Students and Alcohol: Analyzing Consumption Patterns, Influencing Factors, and Implications (JEET journal - Mar 2024)
- Freshmen Protégé Perspectives on Mentoring in Engineering Education-A Qualitative Study (JEET journal - Feb 2023)