Manjit Singh

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EDUCATION

Executive Post Graduate Program in Data Science & AI   Oct '23 - Jan '25

IIIT Bangalore   Bengaluru, IN

Bachelor of Commerce - B.Com   Jul '20 - Jun '23

Gauhati University   Guwahati, Assam, IN

- Secured: 6.89 CGPA

KEY SKILLS

• Machine Learning Algorithms • Data Analysis Techniques • Artificial Intelligence • Natural Language Processing (NLP) • Deep Learning • Mathematics • Statistical Analysis • Data Wrangling • Data Visualization • Problem Solving • Market Research • Business Acumen • Version Control • Business Intelligence Tools • Reporting • Data Cleaning & Preparation

TECHNICAL SKILLS

Tools: Python, SQL, Power BI, Tableau, MS Excel
Frameworks: NumPy, Pandas, Scikit-Learn, Matplotlib, SciPy, NLTK, TensorFlow, PyTorch, Keras
Database: MySQL, PostgreSQL

PROJECTS

Customer Segmentation using Clustering Techniques

- Developed a customer segmentation model using **K-means clustering** and **Hierarchical clustering** to identify 3 distinct customer groups. LINK

Vehicle EDA Analysis and Optimization

- Conducted **exploratory data analysis** on vehicle IoT data to uncover trends in fuel usage, engine performance, and driver behavior. LINK

Conversational AI Chatbot

- Developed a conversational AI chatbot using **LangChain**, enabling personalized, context-driven interactions with memory and real-time user engagement. LINK

PROFESSIONAL EXPERIENCE

Business Analyst   Feb '24 - May '24

Quest Global Technologies Ltd   Assam, IN

- Increased operational efficiency by **10%** through **data analysis** and recommendations
- Enhanced **cross-team communication** by **20%** through effective **collaboration** with sales, marketing, and product teams
- Improved **KPI** monitoring efficiency by **20%** using detailed **dashboards** and **reports**

Business Analyst Intern   Nov '23 - Feb '24

Quest Global Technologies Ltd   Assam, IN

- Improved conversion rates by **12%** through strategic **data analysis** and **A/B testing**
- Identified **5 new business opportunities** in the GCC region by analyzing **market trends**
- Boosted ROI by **15%** through the integration of **blockchain** and **cryptocurrency** insights

CERTIFICATIONS/ COURSES

- **Data Science Programming Bootcamp | upGrad**
- **Python Preparatory Course | upGrad**
- **ChatGPT Prompt Engineering for Developers | DeepLearning.AI**
- **Hands-On Generative AI: From Concepts to Implementation | AGIE AI**