Manjot Singh

Data Scientist

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EDUCATION

Master of Science in Data Analytics	2024 – present
San Jose State University	San Jose, CA, USA
Current GPA: 3.33	

Bachelor of Engineering (Computer Science & Engineering)	2019 – 2023
Chitkara University	Rajpura, India
CGPA: 9.55	

Class XII	2019
Govt. Model Senior Secondary School	Chandigarh, India
Percentage: 62.6%	

Class X	2017
Guru Nanak Public School	Chandigarh, India
CGPA: 10	

SKILLS

Languages — Python, SQL

Tools and Libraries — PowerBI, Tableau, AWS, Pandas, NumPy, Tensorflow, Scikit-Learn, Statsmodels, XGBoost, NLTK, Seaborn, Matplotlib

Developer Tools — Github, Visual Studio Code, Google Colaboratory, Jupyter Notebooks

PROJECTS

Anomaly detection in Wireless Sensor Networks 🔗
Machine Learning Detection and Prediction project for anomalies in Wireless Sensor Networks using the WSN-DS Dataset.
Tools and Libraries used: Jupyter Notebook, Pandas, Numpy, Scikit-Learn, Matplotlib, Seaborn, XGBoost

Email Spam Classifier 🔗
Email/SMS Spam detection machine learning models tested using various classifiers like AdaBoost, Support Vector and Stacking classifier.
Tools and Libraries used: Jupyter Notebook, Pandas, Numpy, NLTK, Scikit-Learn, Matplotlib, Seaborn, XGBoost

Real-Time Cryptocurrency Trend Analysis 🔗
Real-Time trend analysis for Cryptocurrency coins using Big Data Technologies and Cloud Services
Tools, Techniques and Libraries used: AWS S3, AWS EMR, Confluent Kafka, Confluent Flink, Numpy, Bloom Filter, Reservoir Sampling, Differential Privacy, Visual Studio Code, CoinGecko API

PROFESSIONAL EXPERIENCE

Junior Data Analyst	09/2022 – 10/2023
AMS Informatics	Chandigarh, India

- Increased customer website traffic by **30%** by suggesting time slots to push advertisement of customer websites based on existing data and traffic metrics.
- Streamlined existing databases enhancing ease of use and reducing error in data querying by **15%**.
- Collaborated with various internal teams to understand their needs and provide data support to increase customer website traffic.

LANGUAGES

English	**Hindi**	**Punjabi**	**Japanese**
IELTS C1	Native	Native	JLPT N4