

# Jayden Dsouza

Bangalore | Mail | 7975819538 | Portfolio | LinkedIn | Github

## Professional Summary

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Highly motivated and passionate individual with a proven ability to quickly learn and master new skills. Known for exceptional typing speed, effective communication, and strong team collaboration. Adept at coding with a creative approach to problem-solving. Demonstrates excellent time management and thrives in high-pressure environments.

## Education

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**Christ (Deemed to be University, MSc.Data Science**

**St Aloysius (Deemed to be University, BSc.Computer Science, Statistics, Mathematics**

## Projects

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### Sentiment-Watch

The application analyzes financial news using roBERTa and NLTK's Vader for sentiment analysis, integrating Alpha Vantage and NewsAPI to provide real-time stock insights.

### Car Sales ML Project

This project aims to perform Exploratory Data Analysis (EDA), clustering, and regression modeling (Supervised Learning) to extract insights and predict the price from the dataset

### Tableau Project (Amazon Dataset )

This project leverages Tableau to analyze an Amazon dataset, deriving insights such as sales trends and identifying the number of unsold products to assist in strategic decision-making.

### Deep Learning Crime Prediction

This project uses LSTM networks to predict crime rates in Indian states. GeoPandas visualizes these predictions on an Indian map, highlighting crime patterns and aiding data-driven safety strategies.

### Library Management System

This project streamlines library operations, enabling users to issue books, search titles, and access book details. It replaces manual record-keeping with an automated, user-friendly system for efficient management.

## Certifications

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- Basics Statistics ( Completed ) - Coursera
- Introduction to Unix ( Completed ) - Infosys Springboard
- Basics Of Linear Algebra Using Python ( Completed ) - Infosys Springboard

## Skills

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**Languages:** Front-End Web Development (HTML - JavaScript - CSS), MySQL, Python Programming (Machine Learning, Deep-Learning GeoSpatial Data Analysis), Linux and Unix,

**Tools:** PowerBI, Excel, Hadoop (Big Data Analytics), QGIS.

**Libraries:** Pandas, Numpy, PySpark, Matplotlib, sklearn, tensorflow, keras.