

Kanchan Jadhav

+91 7028800267 | kanchclg@gmail.com | [LinkedIn](#) | [Github](#) |

Career Objective

Seeking a career transition into Data Science and Analytics, leveraging expertise in supply chain management and engineering to utilize advanced analytics tools and techniques for driving strategic decision-making and solving complex challenges.

Professional Experience

Designation : Data Analyst (Intern)
Company : Accenture (2023 Dec – 2024 Feb)
Roles & Responsibilities :

- Project Understanding.
- Data Cleaning & Modeling.
- Data Visualization.

Skills

- **Database Management:** *SQL*
- **Programming Language:** *Python*
- **Statistics:** *Hypothesis Testing, Z-test, T-Test, ANOVA, Chi-Square Test*
- **Machine Learning Algorithms:** *Linear Regression, Logistic Regression, Decision Tree, Random Forest, Bagging, AdaBoost, Gradient Boost, XG Boost, K-Means Clustering, Hierarchical Clustering, Time Series*
- **Deep Learning Algorithms:** *Artificial Neural Networks (ANN), Convolution Neural Networks (CNN), Recurrent Neural Networks (RNN), GRU (Gated Recurrent Unit), LSTM (Long -short-term memory) and Natural Language Processing (NLP),*
- **Visualization:** *Power BI, Tableau*
- **Cloud Deployment:** *AWS Basics*
- **Excel:** *Advanced Excel, Power BI, V-LOOKUP, H-LOOKUP, Conditional Formatting*
- **Interpersonal Skills:** *Strong Verbal and Written Communication, Team Player, Customer service oriented, Adaptative to any environment.*

Personal Projects

Predicting the Salary range using Machine Learning

- Designed and implemented a predictive model to classify salary ranges using a diverse set of demographic, educational, and employment features.
- Employed various machine learning techniques, including Logistic Regression, Decision Trees, and ensemble methods.
- The best-performing model, Tuned XG-Boost, achieved a recall score of 0.960 on the training data and 0.961 on the test data

Smoke Detection Classifier using convolutional neural network

- Build a deep learning model using convolutional neural networks (CNNs) to classify images as either depicting smoking behavior or not.
- For this project, I utilized Convolutional Neural Networks (CNNs), a powerful deep learning algorithm, to develop a robust classification model for detecting smoking behavior in images.
- In the CNN model, the training dataset achieved an accuracy of 74.23% and a validation accuracy of 76.54%. However, when tested on unseen data, the model's accuracy was 71.65%.

Payment Risk Analyzer using Machine Learning

- The project aims to analyze the Bank dataset and predict whether the client defaults on payment or not.
- Directed a project centered on assessing credit risk by employing linear regression methodologies like SK learn and Stats model.
- The Linear Regression model yielded an R2 score of 0.791 on the training data and 0.795 on the test data.

Education

Bachelors of Computer Application <i>SGM College Karad</i>	2020- 2023 8.82 C.G.P.A
MBSK Jr. College <i>Maharashtra State Board of</i>	2019 – 2020 65.69%
Secondary School Certificate <i>Bharti Vidyapeeth</i>	2018-2019 78.20 %

Certifications

Post Graduate Program in Data Science and Analytics with Advanced ML Track <i>Imarticus Learning, Pune</i>	2023 – 2024
--	--------------------

Personal Information

Date of birth: 01 March 2002
Languages known: English (R/W/S), Hindi (R/W/S), Marathi (R/W/S)
Hobbies: Gaming, Travelling, Instruments and Drawing
Post Graduate Program in Data Science and Analytics with Advanced ML Track