

Aishwarya Pachaiyappan

Data Scientist

Data scientist with Two years of experience in analysing large datasets and coming up with data-driven insights. Proficient in Predictive modelling, data processing and data mining algorithms. I'm a energetic, and geeky individual whose desire to learn is endless



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9677227289

Chennai, India

WORK EXPERIENCE

Data Scientist Infosys Limited

06/2019 - Present

Chennai, India

Achievements/Tasks

- 3years of experience as Engineer -Industrial IT •
- Developed Classification algorithm to provide result based on classification from large set of data and developed NLP algorithm to provide suggestion based on similarity check
- Knowledge in Creating Models using Python for Data Prediction and Classification using libraries such as NumPy, Pandas, Matplotlib and Scikit learn
- Experience in database management and Microsoft Dynamics 365 CRM

Contact : +91 9677227289

EDUCATION

Bachelor of Computer Application Madaras Christian college

06/2016 - 05/2019

Chennai, India

PGD in AI & ML

University of Hyderabad

02/2020 - 02/2021

Chennai, India

Courses

- Excelled in coursework & Completed a thesis project ([GitHub](#), [Medium blog](#)) loan default - prediction. (Graduated with Distinction)

Certified on Advanced Digital- Marketing FITA Academy

B.Ed. in Hindi Pandit

Hindi Prachar Saba

SKILLS

Technical skills => Data Science, Linear & Logistics Regression, Naive Bayes, KNN, Decision Tree, Random Forest, GBDT, XGBoost, SVM, LSTM, MS Dynamics CRM, Data visualization tools, Python, SQL, etc

Area => Machine Learning, Data Analysis, NLP, Sentiment Analysis, Document Classification, Tokenization, Feature Engineering, Model Training, Feature Selection, Validation, Cleansing, Statistical & Predictive analysis.

Programming languages and tools => Python (Numpy, Pandas, Scipy, Scikit-learn, Keras, Matplotlib, Seaborn, NLTK), Microsoft Dynamics 365 CRM, SQL Server

PROJECTS PROFILE

Loan Default Prediction (02/2020 - 02/2021)

- https://github.com/AishwaryaPachaiyappan/Loan_default_prediction
- **Objective:** Banking | Help the bank to sanction or reject the loan based on whole users' data.
- **Analysis:** • Did univariate and Bivariate analysis, removed outliers, extract important features using statistical Knowledge
- Handling missing values using techniques like median imputation and mode
- Encoding non-numerical features using techniques like one-hot encoding
- Handling outliers using inter quartile range and boxplots
- Balancing data using algorithms like SMOTE. Random Sampling
- **Model Built:** Used Machine Learning knowledge to train and validate models like logistic regression, Random Forest, AdaBoost Classifier, Naive Bayes.
- Able to leverage statistical expertise to decide on key metric to be used
- Used Stream lit to deploy final model that has better performance.

ACHIEVEMENTS

Outstanding Achievement Award, Best Customer satisfaction Award

LANGUAGES

Tamil
Native or Bilingual Proficiency

English
Full Professional Proficiency

CERTIFICATION

Infosys Certified Python Associate