

Vimal N

Analytics Enthusiast | Data Science |Data Analytics| Data Engineer| Problem-Solving

Data Science Professional with a Background in Lease Administration Dedicated and detail-oriented professional with 6+ years of experience in lease abstraction, administration, and reconciliation within the real estate sector. Recently completed a Data Science course at ExcelR, gaining expertise in machine learning, data analysis, and Python. Passionate about leveraging data science to drive insights and enhance decision-making in real estate and beyond

 vimalvarun98@gmail.com

 Chennai, India

 @https://x.com/b116ca6f6102486

 +(91) 8667512635

 linkedin.com/in/vimal250198

 github.com/VimalVarun

WORK EXPERIENCE

Data Science Intern AI Variant

04/2024 - 10/2024

Chennai, Tamil Nadu

Achievements/Tasks

- Contributed to AI research and development projects, focusing on deep learning, machine learning, and natural language processing.
- Built a predictive model to [Student Performance, predict customer churn], leveraging techniques like decision trees, logistic regression, and ensemble methods.
- Enhanced model accuracy through feature engineering and hyperparameter tuning, achieving a performance increase of 92%.

Team Head, Lease Administration Retransform, an Apex Group company

06/2018 - Present

Chennai, Tamil Nadu

Achievements/Tasks

- Led a team in performing lease abstraction, administration, and reconciliation for a portfolio of real estate clients
- Enhanced data accuracy by developing streamlined data entry and verification procedures, reducing reconciliation time by 20%
- Collaborated with senior management to provide insights into lease data, utilizing Excel and SQL for reporting and analysis
- Supported transition to data-driven decision-making processes, inspiring interest in data science applications for lease administration

EDUCATION

Data Science Certification ExcelR | 2024

12/2023 - 06/2024

Chennai, Tamil Nadu

Data Science

- Comprehensive program covering Python, SQL, machine learning, and data visualization

Bachelor of Commerce Guru Nanak College

06/2015 - 05/2018

Chennai, Tamil Nadu

SKILLS

Python

Machine Learning and AI

TensorFlow

Tableau

SQL

Excel

Hadoop

Azure

PyTorch

Spark

Power BI

Statistical Analysis

Data Transformation

Reconciliation and Compliance

Detail-Oriented Analysis and Reporting

Scikit-Learn

Pandas

NumPy

Streamlit

Git

DATA SCIENCE PROJECTS

Stream lit Application for Student Performance Prediction. (04/2024 - 06/2024)

- Objective:** Developed a machine learning model to predict students' math scores based on demographic and educational data.
- Technologies:** Python, Streamlit, Pandas, Scikit-Learn, Matplotlib, Seaborn.
- Methodology:** Performed data preprocessing, feature engineering, and built a regression model. Deployed the model via a Streamlit app for interactive user access.
- Impact:** Achieved an R^2 score of 0.85, enabling effective prediction and visualization of student performance metrics.

Deep Learning Project: Customer Churn Prediction. (06/2024 - 10/2024)

- Objective :** Developed a predictive model to determine whether a bank customer would exit or stay, leveraging a deep learning approach.
- Methodology :** Built and trained an Artificial Neural Network (ANN) on a bank dataset, applying data preprocessing techniques to handle features like customer demographics, transaction history, and account information.
- Outcome :** Achieved a high accuracy of 97% in predicting customer churn, demonstrating the model's effectiveness in identifying potential churners.
- Technologies Used :** Python, TensorFlow, Keras, data preprocessing, feature scaling.

CERTIFICATIONS & ACHIEVEMENTS

Certification in Machine Learning (IT. ITeS, SSC Nasscom): (01/2023 - 08/2024)

Passed with a score of over 60%, demonstrating proficiency in Python for machine learning.

Databases and SQL for Data Science with Python (08/2024 - 11/2024)

Completed Databases and SQL for Data Science with Python with 100% of all assessments.