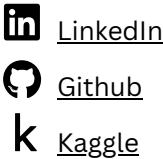# VIMAL GOPAN M V

VIMALGOPAN97@GMAIL.COM | +91 9562540987 | KODUNGALLUR, THRISSUR, KERALA

PROFILE SUMMARY

Experienced Data Analyst skilled in statistical analysis and data visualization. Translates complex data into actionable insights, driving strategic decisions and enhancing performance. Strong problem-solving and communication abilities, with a commitment to staying updated on data science trends to innovate and mitigate risks effectively.

LinkedIn
Github
Kaggle

EDUCATION

BS Degree in Data Science and Applications

Jan 2023 - Pursuing

IIT Madras

B.Tech in Electronics and Communication Engineering

2015 - 2019

APJ Abdul Kalam Technological University Kerala

SKILLS

- Microsoft Excel
- Microsoft Powerpoint
- C, C++
- SQL
- Python / R
- Data Analysis
- Data Visualization
- Power BI / Tableau
- Power Automate
- ML & DL
- Data Cleaning
- Data Mining
- Data Interpretation
- Data Modeling
- Predictive Analytics
- Mathematics for Data Science
- Statistics for Data Science
- Web Scrapping
- Time management
- Communication
- Critical thinking
- Project management
- Attention to Detail
- Reporting
- Problem-Solving

VOLUNTEERING

- 01 October 2018 - Awarded with a certificate for Volunteering in various flood relief activities in Ernakulam District
- 05 February 2016 - Completed Training Life Skill program conducted by ICT Academy of Kerala

WORK EXPERIENCE

Winners Coaching Centre

Kodungallur, Thrissur, Kerala
08-12-2019 to 30-12-2022

Data Analyst - Database Administrator - IT Coordinator

- Data Management: Collect, organize, and analyze data for insights, ensuring quality and accuracy.
- Database Administration: Design, maintain, and secure databases, monitoring performance and resolving issues.
- IT Support: Provide technical assistance, manage hardware/software, and ensure smooth system operation.
- Reporting and Visualization: Present data findings through reports and visualizations for decision-making.
- Collaboration and Stakeholder Management: Align data initiatives, support teams and stakeholders.

Ekart Logistics

Kodungallur, Thrissur, Kerala
08-08-2019 to 30-11-2019

Team Leader

- Leadership and Team Management: Provide guidance and effective communication for logistics team members.
- Operational Oversight: Manage inventory, order processing, and transportation for timely execution.
- Process Improvement: Optimize efficiency, productivity, and analyze logistics data.
- Customer Service: Address customer queries and ensure excellent service and satisfaction.
- Stakeholder Collaboration: Coordinate with teams and stakeholders to achieve organizational goals.

PROJECTS

Sales Analysis

- Objective: Analyzed sales data to improve business performance. Data
- Collection: Gathered and prepared sales data from multiple sources.
- Analysis: Identified patterns, trends, and key variables impacting sales. Developed sales forecasting models and customer segmentation.
- Recommendations: Provided actionable insights to optimize revenue and enhance sales strategies.

House price prediction

- Objective: Developed a data science model for accurate house price prediction.
- Data Collection: Gathered comprehensive data on houses, including features, location, and historical prices
- Model Development: Built a predictive model using regression algorithms to estimate house prices based on input features.
- Evaluation and Deployment: Evaluated model performance, fine-tuned parameters, and deployed it for real-time predictions, enabling informed decision-making for buyers, sellers, and investors.

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PROJECT

NLP Project

- Objective: Conducted a data science project focused on NLP tasks.
- Data Collection: Gathered text data from diverse sources for analysis.
- Text Preprocessing: Cleaned and tokenized the text for further processing.
- NLP Techniques: Utilized sentiment analysis, text classification, and named entity recognition to extract meaningful information. Model
- Evaluation and Deployment: Developed and evaluated NLP models, deploying them for automated text analysis and insights generation.

Bank Churner Prediction Project

- Objective: Developed a data science model to predict bank churn (customer attrition).
- Data Collection: Gathered comprehensive customer data, including demographics, transaction history, and behavior.
- Model Development: Built a predictive model using classification algorithms to identify customers at risk of churning.
- Evaluation and Insights: Evaluated model performance, provided insights into churn factors and recommended proactive retention strategies to enhance customer loyalty.

Creating Cohorts of Songs

- Objective: Developed a Machine Learning model to create cohorts of songs using cluster analysis, taking into account all the correct code.
- Model Development: Grouped songs with similar characteristics into six categories using a clustering technique, achieving moderate success but leaving room for improvement.
- Evaluation and Insights: These song categories can improve music recommendations, with future enhancements possible through exploring different methods and refining our approach.

Predicting Car Prices using Machine Learning

- Objective: Developed a Machine Learning model to predict the car prices of a Dataset.
- Model Development: Built a predictive model using classification, regression algorithms to get the results.
- Evaluation and Insights: The model, evaluated with various metrics, showed reasonable accuracy in predicting car prices; however, further tuning and additional features could enhance its precision and reliability.

Biometric License Verification System

IR Controlled Headlamps for vehicles

Researched and Designed a Bionic eye with various capablities

Researched and Designed an Inverting Temperature Control and Power Generation system

CERTIFICATES

- **01 August 2023** -Awarded with a certificate of completion of Data Science and Machine Learning from Entri app
- **24 July 2023** - Scored NSDC & Skill India Certificate for Data Science and Machine Learning with A+ grade
- **26 May 2023** - Awarded with a certificate for hosting and coordinating a Cyber SecurityAwareness Event in Paradox'23 IIT Madras
- **10 January 2023** - Awarded with a certificate Completed training program on Python for Data Science from Simplilearn & IBM
- **April 2022** - Awarded with a certificate Completed training program Ethical Hacking from MyCaptain
- **07 October 2017** - Awarded a Certificate for Participating in a Cyber Security event and shortlisted to Top 5 conducted by Govt. Model Engineering College, Kochi
- **01 April 2017** - Awarded a Certificate for securing 1st prize in White Hats Cyber Security Event conducted on SNGIST N.Paravur
- **01 February 2016** - Awarded a Certificate for Developing an innovative idea for the national exhibition Dr.Pratheep P Thevannoor Innovation Awards - 2015