Vignesh Sugunanbabu

Data Scientist

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To build and develop my professional skills in a reputed and dynamic organization, which I believe will greatly accelerate my growth as a professional. Given an opportunity I will do my work effectively and efficiently. I always want to update myself with knowledge and I love learning new skills

🏅 Projects

Water Quality Prediction (Capstone Project), Access to safe drinking water is essential to health .To predict the water is safe for human consumption or not where 0 indicates it is potable and 1 indicates it is not potable
- **Outcome**: Random Forest model gives great validation scores of about 79% Accuracy and is significantly better than another model done on this subject.
- **Key skills**: Data Wrangling, EDA, Data Imbalance, Statistical Analysis, Classification, Ensemble techniques.

Health Disease Prediction, To provide a prediction model for patients potentially suffering from heart disease by considering factors such as their cholesterol level, type of chest pain, and their ECG type to help doctors provide accurate diagnostics and help patients to lead a healthier life.
- **Outcome**: Inference from the study is that the ensemble model gave the best result when compared to simple classification models.
- **Key Skills**: EDA, Data Wrangling, Classification, Ensemble Techniques.

🧠 Skills

Python for Data Science	●●●●○	Machine Learning for Supervised and Unsupervised Learning	●●●●○
SQL	●●●●○	Statistics	●●●●○
Advanced Excel	●●●●○		

💼 Professional Experience

Data Analyst Trainee, Cognizant Technology Limited — 09/2020 – present
- Identified, analyzed and interpreted trends or patterns in complex data sets by finding correlations and visualizing with charts.
- Completed data cleaning and data validation of existing spreadsheets to promote robust data management platform, resulting in accurate data analysis and entry.
- Ran data analysis reports and distributed to management staff.
- Assessed data using methods learned in class.

ERP Change Manager, Cognizant Technology Limited   08/2018 – 09/2020

- Actively listened to customers' requests, confirming full understanding before addressing concerns.
- Single point of contact concerning the process for all involved parties (i.e. local business, global business, Application Owners, release management, Validation, QA, System Owner Delegate)
- Organization/host of CAB Quality and CAB Production meetings
- Overall monitoring of all CAB meetings both internal and external.
- Control and monitoring of all change requests.
- Coordinate with the testing team on testing activities and ensure the defects and results are uploaded in HPALM.
- Confirm technical readiness of releases to be transported into the next environment (release report for QAS / PRD)
- Coordinating the actual transport of releases as per the Cutover Plan during the releases.

📕 Courses

Post Graduate in Data Science & Artificial Intelligence, Imarticus Learning   03/2021 – 11/2021
Currently undergoing PGA program with Imarticus Learning in Machine Learning &   chennai, India
Artificial Intelligence

🎓 Education

Bachelor of Engineering in Electronics & Communication,   08/2012 – 05/2016
Rajalakshmi Engineering College   chennai, India

HSC, velammal matriculation higher secondary school   04/2011 – 04/2012

SSLC, velammal matriculation higher secondary school   04/2009 – 04/2010