

Kannan Raviganesh

I'm a data practitioner looking forward to work with an organization and help them meet the business requirements and achieve the goals by applying my knowledge, enhanced skillset and expertise to the fullest and progress alongside the company to further heights and glory. I enjoy coding in Python, R and C++. I am an enthusiast when it comes to learning new concepts and technologies.

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EDUCATION

M.Sc Data Science

Christ Universtiy, Bangalore

06/2019 - 04/2021

B.Sc Mathematics, Statistics, Computer Science

Loyola Academy UG and PG College, Hyderabad

06/2016 - 04/2019

WORK EXPERIENCE

Business Analytics Intern

Vah Vah Institute Pvt Ltd.

04/2021 - Present

Achievements/Tasks

- Performing A/B testing and deriving insights.
- Performing analytics on Sales and Marketing data so as to improve the quality of leads and increase the sales. (CRM)
- Identifying, creating and monitoring KPIs whilst writing python scripts and automating them.
- Tools intact : Python, Google Sheets API, Google Data Studio, Youtube Studio.

Data Science Intern

Alphabots Analytics

09/2020 - 11/2020

Achievements/Tasks

- Created data visualizations, translating complex data sets into comprehensive visual representations.
- Performed Time Series and Machine Learning Analysis on Stock Market Data.
- Improved the Predictive accuracy by 15% .

Database Management Intern

4Basecare

09/2019 - 10/2019

Achievements/Tasks

- Redesigned the schema and worked on creation and modification of the database as per required standards and norms.
- Also worked on the front end design of the company's website.
- Tools Used : MySQL, HTML.

SKILLS

Python Programming

R & R-Shiny

C

C++

SQL

Machine Learning Algorithms

NLP

Computer Vision

Cloud Technologies

Google Data Studio

PERSONAL PROJECTS

Criminal Identification

- Project that identifies a criminal based on evidences gathered such as an image or a video clip (also Finger prints). Suggests a Unified Database Approach such as 5 Eyes.
- Tools and Tech : Python, Computer Vision, Caffe

GDP Prediction & Visualization

- Built a Dashboard using R-Shiny that helps an individual or an organization in understanding the GDP of a country and also provides them with a feature to predict the GDP for future years.
- Model Used - ARIMA, Statistical Techniques

Indian Liver Patient Dataset - Analysis and Modelling

- The Project was a Predictive Model built using R from the dataset obtained from kaggle.
- This would help the Doctors in Predicting, whether or not the Person is suffering from a Liver Disease and thereby, draw inferences accordingly.
- Accuracy obtained - 72.26% .

Online College Magazine

- Developed an application that allows a College to launch its Annual Magazine, Online.
- The Application allows College Staff, Students to Post Articles in the form of write-ups, pictures, PDFs etc. The Article is published after the Moderator had thoroughly checked and accepts it to be published.

CERTIFICATES & ACHIEVEMENTS

Won "The Best Outgoing Student Award" in my UnderGrad.

Attended seminars on Applications of Cryptography and Applications of Mathematics.

Attended a 2-day Workshop on IOT by "KriyativeEdge".

Completed a Certificate Course in Arduino Technology and Built a Mini Robot alongside my teammates.

Completed Certificate Course in Deep Learning and Neural Network, on Coursera.

Completed Certificate Courses Applied Text Mining and Natural Language Processing

Completed a Project On Twitter Sentiment Analysis and Fake News Detection on Coursera.

Participated in various Non-Technical events (Debates, Sports) and won awards