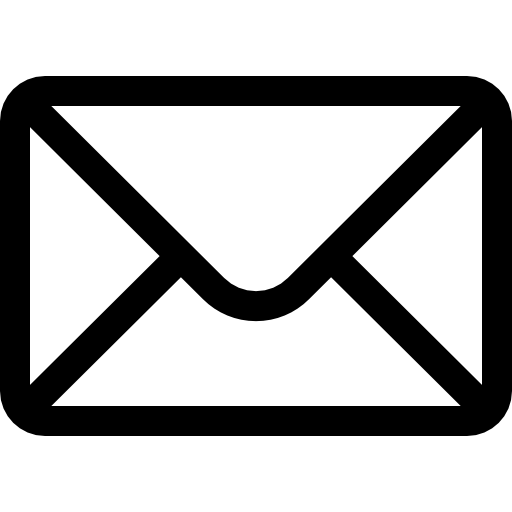
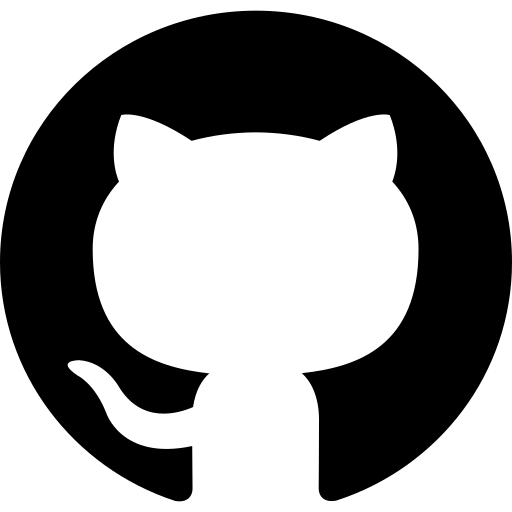
**Anoop KS**

Data Scientist

[Anoop.Vilayil@outlook.com](mailto:Anoop.Vilayil@outlook.com)  <https://github.com/anoopks01060>  +918137048946

# Profile

Enthusiastic and highly motivated data science graduate with **1 years** of experience comprising a strong foundation in statistical modeling, machine learning, and data analysis.

* Extensive experience in machine learning and predictive modeling
* Proficient in programming languages such as Python and R
* Hands-on experience in deploying machine learning models
* Expertise in statistical analysis and data visualization

# Professional Experience

11/2022 – present Bangalore, India

**Jr. Data Scientist, *ExcelR Technologies Pvt Ltd****.*

* Processing, cleansing and verifying the integrity of data used for analysis. Doing analysis and presenting results in a clear manner.
* Working on building and optimizing the state-of-the-art Machine learning and Data Visualization

# Projects

## Fake News Detection

**Description:**

1. This project is focusing on how to predict a news that is fake news or true news accurately through the given data set.
2. Using the given dataset and applying different machine learning techniques and train the model so that it can correctly predict whether a given piece of news is real or fake. This was done by using ML algorithm and NLP (Natural Language Processing)
3. And finally designed the web deployment in the last step to ensure a flowless user interface.

**Skills: EDA, clustering, linear regression, decision tree, world clock, KNN**

## Air-Line ticket Price Prediction

**Description:**

1. The project is mainly focusing on a machine learning model that can predict what could be the price of Airline ticket Accurately by analyzing the data set, Applying different ML techniques.
2. With the help of data visualization got the clear idea of analyzing the distribution of numerical variables and relationship between categorical and numerical variables
3. And identifying the areas with the highest concentration of flight and price variation. And performing statistical tests (Ex: t-test, Nova) to identify the significant differences in price based on various factors.
4. And analyzing the customer satisfaction by exploring the relationship between customer satisfaction and factors such as price, airline, travel time.

**Skills: Random Forest, decision tree, linear regression, EDA, data visualization**

## 3. Financial Industry Use Case

**Description:**

1. It is a **Time Series** Use Case
2. Here considering the stock market data to extract some insights, and at the end predicting what exactly can be the price of a stock, by analyzing with the historical data
3. Applying statistical analysis and splitting the data into test, train data
4. Applying the ARIMA model technique to the to the time series (EX: Auto ARIMA)

**Skills: Time Series Forecasting, ARIMA**

## 4. Password Strength Classifier

**Description:**

1. The Project is focusing on predicting the strength of a password is Strong, Normal, Weak by using the dataset.
2. A password strength checker works by understanding the combination of digits, letters, and special symbols use in the passwords. It is created by training a machine learning model on a labelled dataset of different combinations of letters and special symbols people use in passwords
3. A better Data visualization or Graphical representation are helps and plays the model more understandable.

**Skills: Confusion Metrix, EDA**

# Skills

## Programming languages Machine learning algorithms

Python Linear regression, Logistic regression, Decision tree

Random Forest, Clustering’s

## Deep learning algorithms Artificial Intelligence

ANN, CNN, RNN NLP

## Database Data Visualization

SQL Power BI, Tableau

# Education

2017 – 2021 **Bachelor of Technology,** *Presidency University Bangalore*

Bangalore, India

# Certificates

# Data Science Certification - ExcelR

# Machine Learning with Python - IBM

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