



BABLU PRAJAPAT

Software Engineer - AWS- Python- People Tech Group Inc.

Experienced Software engineer with 2+ years of experience in developing Data analysis, Machine learning, and AWS backend applications and deploying them. Creating impactful business solutions out of data by gathering using IoT Core, Cleaning, and preprocessing them using Python. Capable to translate data points into Business Insights.

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WORK EXPERIENCE

Software Engineer - Data Science AWS People Tech Group Inc

01/2022 - Present

Hyderabad, Telangana, India

Client - General Motors (GM)

Achievements/Tasks

- Created a Single Multi-Tenant Architecture to support multiple projects and scaling modules with AWS lambda.
- Worked on processing the Data and creating a data Warehouse for OLAP Operations.
- Involved in requirement gathering and understanding, data cleaning, Data pre-processing and model building.
- Decoding the signal data generated from CAN bus.
- Ebike HMI, delivery, and Phone application backend using AWS lambda(Python)
- Create Mqtt connect between the Application and CCloud to get data direct to S3 storage.

Data Processing Specialist Nielsen

10/2020 - 12/2021

Baroda, Gujrat, India

Client - L'Oréal

Achievements/Tasks

- Data Analysis for FMCG product for 100+ Countries request.
- Extracting clients' currently used services, contracts, tenure, payment history, salesforce tickets logs, and data usage from the database for product targeting Using SQL.
- Worked on imputing missing values, Anomaly detection feature selection using the SelectKBest algorithm using Python.
- Worked on Data analysis, understanding the feature impact on data and applying dimensionality reduction using PCA.
- Handled the huge volume of imbalance data SMOTE.

EDUCATION

PGP in Data Science , Business Analytics and Big Data

Aegis School of Business, Data Science
Mumbai

09/2019 - 09/2021

Mumbai ,Maharashtra, India

Engineering

Government Engineering College, Ajmer

07/2015 - 07/2019

Ajmer, Rajasthan, India

Courses

- Bachelor of Technology

SKILLS

Python

Data Analysis

AWS cognito

MySQL

Classification

Regression

AWS Lambda

DynamoDb

AWS API gateway

Pandas

Numpy

Random Forest

Decision Tree

XGboost

Sklearn

PowerBI

Data Visualization

Predictive Modelling

Amazon RDS

IOT Core

IoT Core

MQTT

PERSONAL PROJECTS

Air Quality Classification (01/2020 - 01/2020)

- Done data analysis on India's Air Quality data and classify the Air Quality as good, moderate, and poor.
- Skills: - Machine Learning, Python.

NorthWind Data Analysis (06/2020 - 06/2020)

- To Analysis the data using Python
- To Visualize the northwind data insights and create a dashboard using Power BI
- Skills-Python, Power BI

OLX Used Car Price Prediction (01/2020 - 01/2020)

- Web Scraped the OLX website using python, gathered and cleaned the data, and further applied the machine learning algorithm.
- Skills: - Machine Learning, Python, Web Scraping.

BPCL Customers Gas Consume Prediction and Analysis data (03/2020 - 03/2020)

- Completed practical tasks analysis BPCL customer data and make a quotation for next month gas requirement 5kg ,14.500kg and 19kg for domestic and commercial send to the plant with realtime data.
- Skills:- Python, MySQL, Machine Learning.

ACHIEVEMENTS

Problem Solving In Python HackerRank Certification (07/2020 - 07/2020)

<https://www.hackerrank.com/certificates/dd1b588bf9f8>

Tableau Desktop Qualified Associate Certification(Tableau Master) (05/2020 - 05/2020)

<https://academy.ineuron.ai/certificates/downloads/TB002166.pdf>

LANGUAGES

HINDI

Native or Bilingual Proficiency

English

Professional Working Proficiency