

MEGHA PATIL

Data Scientist

A Data Scientist with experience in Machine Learning, Data Analytics, Data Visualization, Time Series Analysis and MLOPS. Expertise in Data Insights, Machine Learning, Customer Pitch and GCP. Good Team Player with Good Communication and client exposure skills.

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WORK EXPERIENCE

Data Scientist

PLUTO7

01/2021 - Present

Bangalore

Google Cloud partner provide solution to AI/ML

Achievements/Tasks

- Analysis of Transactional data by using **Exploratory Data Analysis(EDA) using NumPy and Pandas**. As a result efficiently achieve objectives(increasing sales by 4%)
- Used advanced analytical concept including predictive modeling techniques like **Regression, Time Series** etc. and Visualization on **Data Studio** to analyze and solve complex business problems
- Building Collaboration Platform for Customer:- Utilized **SQL, Looker** and other visualization tools for data intelligence and analysis Aggregated structured data from different resources to provide insights.
- Quantity **Demand Forecasting** for Retail Business Customer:- Performed **EDA** on customer data aggregated from different Resources Created Data pipeline on Google Cloud Platform. Performed **Time Series Analysis** to find Trend and Seasonality Pattern. Created forecast model on VERTEX AI to generate Future Prediction.
- Bringing **Supply Chain visibility** for Customer:- Worked on bringing overall supply chain visibility so that necessary action can be taken on time. Used GCP ML product to improve customer experience.
- Working Experience of **CI/CD** Pipeline on GCP-As per Customer requirement to automate complete **MLOPS** lifecycle. worked on creating CI/CD workflow on Google Cloud Platform
- Implemented real time MLOPS pipeline by using **Python** on GCP.
- Worked on **Google Speech-To-Text API** to create a simple demo for Customer.

Trainee Engineer

BEL

08/2016 - 02/2017

Bangalore

Achievements/Tasks

- Worked in Quality Assurance Department for checking **quality of IC's** based on given technical specification.
- Performed **Testing on IC's** and analyzed various issues and provided solution based on problem.
- Worked on PCB design **Testing and Production**.

EDUCATION

Bachelor of Engineering in TCE

RVCE,Bangalore

12/2017 - 08/2020

7.36

TECHNICAL SKILLS

Python

SQL

Machine Learning

Data Studio

Looker

Time Series Analysis

Cloud Computing

Statistical Analysis

EDA

Data Visualization

Big Data

MLOPS

PROJECTS

Intelligent Platform(Data Accumulation and Analysis on Big Data)

- Used **Statistical Analysis and EDA(Exploratory Data Analysis)** for analysis of Data.
- Created **Real Time Alerting** based on critical key Metric.
- Show **Live Reporting** on Dashboard(**Data Studio and Looker**).

Demand Forecasting on Ecommerce Data and MLOPS for Continuous Integration and Deployment of Model.

- Worked on **Data Preparation and Feature Engineering on Time Series Data**.
- Implemented different **Statistical and ML models** such as ARIMA,SARIMAX,K-Mean Clustering etc.
- Created End to End workflow with the help of **MLOPS. Reduced overall development time and efficiency**.
- Performed Test Cases to insure smooth execution in **Production Environments**. Achieved **10% higher accuracy** than customers base accuracy.

Customer Segmentation using RFM to improve Business Strategy

- Used **Pandas, NumPy, Matplotlib libraries for Data Analysis and Visualization**.
- Used **K- Mean Clustering** to group the customer based on their **RFM** (Recency, Frequency, Monetary)

House Price Prediction Application with Flask

- Used **Linear Regression** Model to predict the house prices based on input data.
- Build Simple **Flask based Application** for User Interface.

CERTIFICATION

Google Cloud Professional Data Engineer (06/2021 - Present)

Volunteered Various Events in school and college. (2005 - Present)

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

Marathi

Native or Bilingual Proficiency

Kannada

Native or Bilingual Proficiency