Ashish Gupta

Assistant Manager - Machine Learning|Artificial Intelligence
Gurgaon

Summary

•Prepared OCR using OpenCV and Pytesseract for different kinds of
personal identification documents.
•Developed face detection using OpenCV and using same for
checking if the driver of a car is turning left
or right using DLIB. And also checking for the if driver is sleeping or
not.
•Developed machine learning model using XGBoost and
RandomForest for predicting the revenue for each region for different
months based on 50-60 parameters using scikit learn, pandas,
numpy and matplotlib.
•Data preprocessing using pandas,matplotlib and scikit learn taking
care of the outliers, null values, label encoding, correlation and many
more.
•Prepares the different kind of metrics for analysing the revenue
inflow and outflow using live Tableau Dashboards which also
involves getting data using SQL queries for efficient processing of
millions of data.
•Kaggle contributor worked on machine learning and computer vision
models.
•Presentor in DelhiTUG group on machine learning and deep
learning

Experience

MCube Financial LLC
Assistant Manager - Application Developer
June 2020 - Present (3 months)
Gurgaon, Haryana, India

PINKERTON | Corporate Risk Management Services
Business Analyst
February 2019 - June 2020 (1 year 5 months)
Gurgaon, Haryana, India

• Worked on the project directly with the CEO and Finance VP for getting all the finance reports and analysis live using Tableau making it more structured.
• Prepared customized OCR using OpenCV and Pytesseract for different kinds of personal identification documents. It was the initiative started by me alone from presenting the working OCR module to the IT VP. Taking care of code, structure, interface and deployment.
• Handling the team for budget inputs and analysis for the whole company which involved preparing the interface using Microsoft Infopath which can provide 60-80 budget evaluations parameters saving Millions of Travel cost and presenting the live analysis of budget using Tableau Dashboards.
• Developed face detection using OpenCV and using same for checking if the driver of a car is turning left or right using DLIB. And also checking for the if driver is sleeping or not.
• Developed machine learning model using XGBoost and RandomForest for predicting the revenue for each region for different months based on 50-60 parameters using scikit learn, pandas, numpy and matplotlib.
• Data preprocessing using pandas,matplotlib and scikit learn taking care of the outliers, null values, label encoding, correlation and many more.
• Developed VBA Macros to automatically calculate the ROI(Return on investement) based on several parameters and send the performance report to concerned directors over Email
• Handling the weekly and monthly reporting for Finance and Accounting teams making sure the reports are updated on time and there is continuous improvement in the dashboards.
• Prepares the different kind of metrics for analysing the revenue inflow and outflow using live Tableau Dashboards which also involves getting data using SQL queries for efficient processing of millions of data.

Zycus
Data Analyst
July 2017 - February 2019 (1 year 8 months)
Mumbai, Maharashtra, India

• Developed VBA Macros to automatically send the performance report to recruiters over Email
• Automated the functional process using VBA Macros for timely and effective report generation which includes Userforms and Data Validation
• Created rich dashboards using Tableau to prepare user stories by compelling dashboards to deliver actionable insights

• Prepare and monitor performance reports through deep dive analysis of metrics such as total volumes, cost of operations, and application tracking on monthly basis
• Defined and derived the metrics for annual performance evaluation and objective setting
• Retrieving data from Amazon Redshift database using Tableau and creating dashboards from it
• Calculation of cost per hire for each department to evaluate and review current hiring mix and channels
• Assisted HCM Team in generation of Automated Performance reports to be shared across the organization through VBA Macros

IBM
Associate Analyst
July 2015 - June 2017 (2 years)
IBM

• Experience in SAS/BASE, SAS/MACRO, and SAS/ODS, SAS/SQL, SAS/STAT, SAS/GRAPH in Windows environments.
• Experience in working on different types of analysis in SAS like regression analysis, discriminate analysis, k-means clustering
• Basics of Python using Numpy, Scikit-Learn, Pandas and Matplotlib.
• Experience in writing SQL queries and optimizing the queries in SQL Server 2008
• Basic knowledge of working on Radian 6 for Social Web Analysis.
• Experience in writing EXCEL functions and creating Pivot Tables, Charts, Histogram, Vlookup, Hlookup and Graphs.
• Basics of HDFS and MAPREDUCE.
• Knowledge in PIG, HIVE, HBASE.

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Education

Jaypee University of Information Technology
Bachelor of Technology (B.Tech.), Information Technology · (2011 - 2015)

dav public school
Mathematics · (1995 - 2009)