Amit Kumar

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- Data Scientist with 4.8+ years of industry experience in Machine Learning. Skilled in artificial intelligence, deep learning, Optimization, statistics, client handling, problem solving and programming.
- 3.8 + years of Experience in Lowes India Pvt. Ltd (Feb 2016 - Oct 2019)
- 1 Year of Experience in Bridgei2i Analytics Solution Pvt. Ltd (Oct 2019 - Till Date)

Skills

- Strong fundamentals in data science field
- Hands-on experience working on ML models such as Linear regression, Logistic regression, Random Forest, SVM, KNN, LSTM, CNN and Clustering.
- Experience in Exploratory data analysis Using matplotlib, scikit learn, pandas etc. in Jupyter notebook.

- Strong data structure and algorithm knowledge
- Experience working in python
- Hands-on Experience in SAS
- Experience in SQL
- Experience in Team management.

Roles & Responsibilities

- Developing machine learning models/predictive analytics techniques that optimizes and reinventing customer engagement process.
- Experience working with python for data visualization and model's execution.
- Pre-processing, cleaning and Tuning the Data using various process in Jupyter Notebook.
- Extracting the Data by establishing the connection through SSM.
- Perform Exploratory Data Analysis on unstructured and unstructured data to discover hidden sights
- Selecting features, Building and Optimizing classifier using Machine learning.
- Post building the final model, Hand over the pickle file to Data engineering team to deploy the Model in production.
- Designing and creating roadmap for Project and showcase with Clients
- Client handling and meeting and keep team updated the project progress plan.
- Sending MOM across the Team including Manager
- For Better efficiency and smoother execution using Trello. And responsible for assigning right set of tasks to each member of team.

Experience and Projects

- 3.0 years of experience in python
- 3.0 years of experience in predictive Modeling including Deep learning.
- 3.0 years of experience in SQL
- 2.0 years of experience in Deep Learning

- 1.0 year of experience in SAS
- 2.0 year of experience in team management.

June 2020-Till Date
Project: Fraud Detection for Chubb Analytics

OVERVIEW: Chubb is an insurance organization which has many claims per day for different Line of Business and the task is to find the Fraud claims out of total claims. We used random forest Technique to find out the fraud claims.

TECHNOLOGIES USED: Python , Random Forest Technique and Data Bricks

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MAR2020– June2020
Project: Ad-Impact

OVERVIEW: Ad-impact is a methodology where company spend on different platform as Social media (Facebook, Instagram etc.) traditional media (TV, Print , OOH etc) for branding their products

Ad-impact project helps clients to figure out which channels is the best in terms of ROI so that they can spend more on those channels to maximize their sales.

TECHNOLOGIES USED: Python, Excel, Regression Model.

OCT2019– FEB2020
Project: Designing & Creating Roadmap for Holidayme

OVERVIEW: Holidayme has business to booked the packages for the tourist and they have call centers where people call to agent and inquire about the destination (Hotels, sights seen, Restaurants , Museum etc), Being as a human nobody can answer all the queries so we designed a recommender system which empower the Agents and recommend the relevant information.

TECHNOLOGIES USED: Python, Mind-Map, MongoDB

Sep 2017– May 2019

Project: **Customer to Bounce Back**

OVERVIEW: Lowe's has highest sales in Appliances category and on most occasions, customers use an offer at Lowe's to purchase a specific appliance and never return. The goal of this Model is to identify such customers and provide them an offer for them to bounce back and purchase other items from Lowe's.

LIBRARIES: Pandas, NumPy, Matplotlib
MODEL: Decision Trees and Random forest
DATA SOURCE: Lowe's Database

Feb2016– Sep 2017

Project: **Performance of Sales Applications**

TECHNOLOGIES USED: SQL, Python, EXCEL
- Data Cleaning, Data Massaging
- Performing all the required action (preprocessing) to clean the data for modelling.
- Worked as data analyst.

Other Projects

Project: **Facebook Friend Recommendation**

OVERVIEW: For a given direct social graph, we have to predict missing links to recommend friends or links or connections. The goal of this Recommendation system is to suggest relevant friends.

LIBRARIES: Pandas, NumPy, Matplotlib, Scikit Learn
MODEL: XGboost
DATA SOURCE: Teradata

Quora Question Pair Similarity

OVERVIEW: Identify which questions asked on Quora are duplicates of questions that have already been asked. This could be useful to instantly provide answers to questions that have
already been answered. Hence we are tasked with predicting whether a pair of questions are

duplicates or not.

LIBARIES: Pandas, NumPy, Matplotlib, SciPy
MODEL: Random Forest
DATA SOURCE: Kaggle

Personalized Cancer Diagnosis

OVERVIEW: Classify the given Genetics variations/mutations based on evidence from text-based Clinical literature

LIBARIES: Pandas, NumPy, Matplotlib, SciPy, Seaborn.
MODEL: Logistic regression and linear SVM
DATA SOURCE: Kaggle

Education

2011-2015

Bachelor of Engineering in ECE

Nitte Meenakshi Institute of Technology, Bengaluru VTU,
Percentage scored: 67%

2010

12th Std

Amnour School, Chhapra
State Board, centage scored : 71%

2008

10th Std

Amnour School, Chhapra
State Board, centage scored : 67%

Activities

- Attends Digital Analytics Community (DAC) meetup frequently.
- Participated in hackathon conducted by Lowes.
- Attended various data science seminars.
- Participated in Kaggle data science challenge.

Personal Information

- **Date of Birth:** 01 January 1992
- **Languages Known:** English and Hindi
- **Interests:** Playing Cricket and Riding Bike.