Soumya Gupta

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Online-Profile: https://guptasoumya26.github.io/OnlineProfile/

Github: https://github.com/guptasoumya26?tab=repositories

PROFILE SNAPSHOT

Analyst with 6+ years of working experience in the field of Business Analysis, Data Science and Machine Learning (2.5 years)
Proven ability in Banking and Healthcare domain.

- **Developed Stock Price Sentiment Analyzer using** Natural Language Processing **(NLP and Vader).** It improved the business decisions and also reduced the manual efforts by **35%** in customer opinion monitoring process.
- **Created Machine Learning Pipeline towards Credit Card Approval** for a large customer base of RBS using Machine Learning Algorithms such as KNN and Logistic Regression.
- Incorporated **Social Media Bots** using Python and increased the operational efficiency by 25% along with facilitating the business-boosting on Autopilot.
- Experience in Text classification, topic modeling, Image classification, and information extraction.
- Experience in **Machine learning/Deep learning algorithms like Neural Networks, Naïve Bayes, Logistic regression, Decision Trees, Support Vector Machines, etc.**
- Hands-on experience in developing ML models in various fields like NLP, prediction, and classification.
- Data analytics and Data visualization using Python, matplotlib, and SQL for reports and alerts.

SKILLS

- **Python**
- **Machine Learning**
- **Deep Learning**
- **Keras, Tensorflow**
- **NLP**
- **Pandas, Numpy, Scikit Learn**
- **Java**
- **SQL, Git**
- **Statistics**
- **Linux(Basics)**

WORK HISTORY

ANALYST

01/2018 to CURRENT

Royal Bank Of Scotland | Gurgaon

Project: Stock Price Sentiment Analysis.

- Created Machine Learning Pipeline via RBS Stock portal using Web-scraping through beautiful soup along with Rest API.
- Implemented Sentiment Analysis model for daily, weekly and monthly view for various stocks using NLP.
- Utilized Vader for Sentiment Analysis and opinion monitoring thereby assisting the stakeholders in business decisions as per the market curve.

Project: Credit Card Approval.

- Handled large data set with python pipeline.
- Performed data extraction, EDA, cleaning and pre-processing using SQL, Pandas and MS - Excel.
- Implemented Machine learning model and optimized the performance via Grid Search hyper-parameter tuning.

SOFTWARE ENGINEER

06/2015 to 12/2017

United Health Group | Gurgaon

Project: Social Media Analytics and Autobots

- Implemented social media bots for United Health Group product pages on various social media websites such as Facebook and Instagram.
- Utilized Selenium and Python for fetching the followers, likes and other analytical data for effective customer opinion monitoring about the new products thereby reducing the manual efforts of product marketing team by 20%.
- Created one click Python utilities for generation of analytical reports for Stakeholders and product marketing team for product improvements via continuous customer feedback.

ASSOCIATE BUSINESS ANALYST

02/2013 to 05/2015

Xerox | Noida

Project: Benefits Web provides retirement solutions to employees and involves all banking activities like withdrawal, savings, financial management, loan etc.

- Analyzed the business requirement and prepared query logs for bridging the requirements gaps.
- Updated the Traceability Matrix and Interacted with onshore stakeholders.
- Implemented SQL procedures for backend validation.

AWARDS

- **Living our values award** in RBS for scaling and optimizing data queues thereby reducing the manual efforts by 25%.
- **Sapphire Award** in United Health Group for creating XML Parsing utilities with the help of JavaFX library.
- **Feather in the Cap Award** in Xerox for reduction of operational timelines via MQ utility automation through Robot class in Java

EDUCATION

Bachelor Of Technology | Computer Science *2012*

Dr. K.N. Modi Institute Of Engineering And Technology, UPTU

Intermediate *2007*

Central School, Lucknow

HighSchool *2005*

Central School, Lucknow