Ankurita Bhattacharya

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**OBJECTIVE**

* Post Graduate in Data Science and Computer Science Graduate passionate about Data analysis, Machine Learning Algorithms and Data engineering
* I am looking for working with data, with good statistical knowledge, highly analytical individual with strong communication skills and quick learner.
* Interested in the positions wherein statistical and modelling abilities could be applied to gather insights for effective business decisions.

**KEYSKILLS**

* Numpy, pandas, sklearn
* Tensorflow, pytorch, xgboost, fastai, opencv
* Predictive modeling,Data Visualization,EDA,quantitative analysis,Statistical methods
* DBMS-MySQL, SQLite
* Tableau
* Kubernetes,Hadoop
* Cloud-AWS,EC2,Saas,Google cloud platforms
* MS Skill -MS-Office, MS-Excel, MS-Word, MS-PowerPoint
* Web Technologies : HTML,CSS
* Software languages-Python,R, Java,C,C++

**ACADEMIC PROJECTS**

* World Data Analysis -Analysis of population using fertility rate, life expectancy rate. -Time series data analysis of population -VAR model and ARIMA model

Key skills-Time-Excel, series analysis, python, VAR model, ARIMA model, Tableau

* Real-Time Health Monitoring Using Tweets

-Real-Time data from Twitter was used to set an appointment of the suffering patient with doctors, who gets notified by emails

Key skills- Hadoop, Java, HTML, CSS

* Spam Classification
* WordClouds to see which words are common in SPAM and NOT SPAM messages
* Removed stop words from the messages
* Words were converted to vectors using TFIDF vectors
* XGBoost,Multinomial Naïve Bayes
* Testing the proposed model

Key skills-Advanced Excel,NLP algorithms,TFIDF,XGBoost,Naïve Bayes.

**PROFESSIONAL SUMMARY**

* Quality Analyst Toppr Technologies Private Limited Jan,2021-Present

-Data Management of tutors using advanced excel and mysql

-Assuring the quality of the live classes is maintained and re auditing the bottom quartile to make sure the feedback is followed to gauge the improvement

-Up skilling themselves over and above the curriculum to efficiently audit paid sessions

-Created Dashboard of tutor’s performance over the time

-Interview with new hired candidates on Demo Evaluation

* Live Instructor Campk12 July,2020-Jan,2021

-Empowering youths with JavaScript knowledge

-Teaching kids basic AI knowledge, Machine learning.

* ML Data Associate-I Amazon India July,2019-October,2019

-Translator for Alexa and its third products

-Classification of noise from speech

**INTERSHIPS**

* **Technocolabs - Data Science Intern - Jan,2021-Feb,2021**

Financial analysis of credit data

- Rows are labeled by whether in the next month after the six month historical data period, an account owner has defaulted, or in other words, failed to make the minimum payment

-Binary classification models, is to choose a threshold of predicted probability at which to declare a positive sample, so that the profits or savings due to model-guided decision making are maximized.

Algorithms-logistic regression, Pearson-correlation, cross-validation, feature engineering, ROC-AUC curve, precision, recall, Random Forest.

* **The Spark Foundations - Data Science and Business Analytics Intern - Jan,2021-Jan,2021**

**CERTIFICATIONS/PAPERS**

* Business Development (Sales) internship at Vyasaka Technologies
* Trainee in Hewlett Packard Enterprise (core java and skill in computer science)
* Acceptance of Real-Time Health Care Services using Twitter Tweets in ICPID,2019,London,UK

**EDUCATION**

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| --- | --- | --- | --- |
| Year | Degree | Institutions | Grade |
| 2019-2020 | Post-Graduation Program in Data Science and Engineering | Great Lakes Institute of Management | 80% |
| 2015-2019 | B.TECH in Computer Science Engineering | SRM Institute of Science and Management | 72%  |
| 2015 | XIIISC | National English School | 82.7% |
| 2013 | XICSE | National English School | 91.2% |

**PERSONAL ACHIEVEMENTS**

* Best Performer-Quality in February,2021
* Offered associate analyst position with XL Dynamics
* Fine Arts trainer
* Good rank in NATA,2015
* Co-Ordinator in college Fests