

# NIKHIL KAMATH

DATA ANALYST | BUSINESS INTELLIGENCE | DATA SCIENCE

## SUMMARY

Thorough and meticulous Data Analyst passionate about helping businesses succeed. Former Data Analyst Intern and 2 years of work experience possessing strong technical skills rooted in substantial training as an engineer

## EXPERIENCE

**Data Analyst Internship** | Spotimyz Mobility Sep 2019 – Dec 2019

- Streamlined development of critical data pipeline and automated python scripts to integrate daily **ETL** injection into **Amazon RDS databases**
- Analyzed **over 1 million data** from multiple data sources to provide vital business insight, identified existing gaps and improved current process
- Enabled 40% increase** in work productivity by designing dashboards in **tableau** to evaluate trends of parking spaces in garage

**Graduate Teaching Assistant** | NEU Jan 2019 – Mar 2019

- Mentored and conducted lab sessions with students, resulting in an **improvement of more than 10% in their grades**. Provided feedback to improve programming technique and efficiency

**Web Solution Specialist** | EIG Jun 2016 – Jul 2018

- Built an automated web app tool using php, pulled data across AWS Redshift via PostgreSQL and revamped daily snapshot of employees resulted **increase in work productivity by 57%**

## INDUSTRIAL PROJECT

**Red Crow Crowdfunding | Capstone Project** Jan 2020 – Mar 2020

Developed flask application in python for startup assessment and hosted on AWS by configuring **EC2 instance**. F-beta was 85% for logistic regression compared to **XGBoost**, **SVM** and gave better precision and recall

**Viacom Inc | Experiential Learning** Apr 2019 – Jun 2019

Engineered demographics-based features to estimate cost per mille (CPM) rate in **random forest** algorithm with 95% accuracy. Proposed marketing strategies and pricing model using tableau to target audience based on demographics that resulted in **20% better customer targeting**

## ACADEMIC PROJECT

**Buzzfeed Exploratory Analysis and Fake News Classification (R)**

Enforced data preprocessing and modelling techniques (preprocess corpus) and applied chi square test to find association in text. Deployed random forest classifier with 76% accuracy and 0.75 F-score, performed better than **naïve bayes** and **logistic**

**Severity of Fatality Prediction through Vehicles (Matplotlib, Seaborn)**

Devised logistic regression algorithm to predict fatality rate through vehicles with 94% accuracy measured by confusion matrix. Integrated **matplotlib** and **seaborn** python libraries to visualize total fatality counts across different regions

**Instacart Market Basket Analysis (Python and Tableau)**

Developed interactive visualizations to derive insights about 200,000 Instacart users in tableau to aide decision-making. Built a **recommendation engine** in python to predict products in user's next order

## CONTACT

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## EDUCATION

Northeastern University

**Master of Science in Analytics**

Boston, MA | April 20

GPA – 3.64

University of Mumbai

**Bachelor of Engineering in IT**

Mumbai | June 2016

## COURSEWORK

Predictive Analytics, Big Data, Risk Management, Data Mining, Database Management

## KEY SKILLS

PYTHON / ETL

MYSQL / SQL

TABLEAU / BI

R / RSHINY

MACHINE LEARNING

## TECHNICAL SKILLS

- BIG DATA, SPARK
- PROBABILITY AND STATISTICS
- ADVANCE MS EXCEL
- GOOGLE ANALYTICS
- AWS EC2, S3, DOCKER, FLASK
- WEB SCRAPING

## MANAGEMENT SKILLS

- TRELLO, GIT, BITBUCKET
- PROJECT/TEAM MANAGEMENT
- AGILE DEVELOPMENT