

Aman Chakarborty

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<https://acchaka.github.io/portfolio>

<https://github.com/acchaka>

Data Scientist with strong math background and certification from a well know training institute. Hands on using predictive modeling, data processing, and data mining algorithms to solve challenging business problems. Involved in Python open source community and passionate about machine learning.

Skills

- Python, Numpy, Pandas, Matplotlib, Seaborn, Plotly, Folium
- Statistical analysis, Data Wrangling, Data Visualization, Data Modelling
- Machine learning, NPL, TensorFlow, Scikit-learn, Keras, OpenCV, ANN
- MySQL, Tableau, MS Excel
- Communication skills, Leadership and Active Learning

Projects

Analysis of Movies/TV shows

- Top 10 movies/series as per IMDb ratings.
- TV shows found on Netflix, Prime Video, Hulu and Disney+
- Visualizing the IMDB, age, year, rotten tomatoes for each channel.
- Visualizing the content available as per Age standards.

SVM Visualizing

- Training and testing the algorithm.
- Visualize the coordinates of support vectors.
- Applying the Radial Basis Function.
- Creating 2d to 3d visuals for support vectors.

Covid19 Analysis

- Using multiple datasets to answer the most important questions.
- Data Visualization of how virus is rising globally vs nationally.
- Statistical relation b/w Lockdown 1.0 vs 2.0
- Use of various visualization libraries for a clearer representation.
- Pandemic effect on a world map with zoom in and out feature.

911 Calls EDA

- Analyzing the 911 call dataset from Kaggle.
- Data Wrangling for Feature Creation and visualizing the most used reason for calls made.
- Making conclusion that most calls has been made during Holidays.

Experience

23-10-17 – PRESENT

Automation Engineer/ Amazon Development Center Pvt Ltd.

- To automate WBR, diagnose/implement macros to expedite Selection Setup tasks.
- Structures and develops implementation plans and works with Ops leaders to pilot and test new solutions and then roll-out across the broader Ops organization at country/cross-country and/or cross regional level.
- Find the scalable solution for business problem by executing pilots and build Deterministic and ML model (plug and play on readymade ML models and using python skills).
- Provides technical/operational guidance to the teams, managers, and field personnel on their projects or part of the medium to large project and processes.
- Performs root cause analysis by understand the data need, get data / pull the data and analyze it to form the hypothesis and validate it using data.

Certification

Data Science and Machine Learning with Python / Skill Circle

- Completed Certification on Data Science which included Python and various tools, libraries and packages such as Jupyter, ML Algorithms, ANN, NLP, Tableau, Mysql and intermediate knowledge of various Deep Learning such as Keras, Tensorflow, Open CV, CNN, etc.

Data Science and Machine Learning with R / Udemy

- Completed Certification on Data Science which included R and various tools, libraries and packages such as Rstudio, PacMan, Cran, etc.

Education

2013-17

Ambalika Institute of Management and Technology/ B.tech

2011-13

Bishop Johnson School and College (I.S.C)/ Intermediate

2011

D.C Lewis Memorial School (I.C.S.E)/ High School

