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<https://ram978.github.io/>

Expertise in data manipulation, visualization, predictive analysis, machine learning and deep learning, programming experience in python and R acquired professionally and academically.

Skills:

- Cloud Computing: Google Cloud Platform, AWS.
- Big Data Frameworks: SparkML.
- Machine learning/Computational Packages: numpy, scipy, pandas, scikit -learn and nltk.
- Data Visualization Libraries: Matplotlib, Seaborn, ggplot, plotly, geoplotlib, Tableau, D3.js.
- Deep Learning Frameworks: PyTorch, Tensorflow.
- Data Analysis/Programming Languages: Python, R, C, SQL.
- Scripting Languages: JavaScript.

Experience :

Data Scientist
KevaHealth

Nov-2018 – Jan 2019

Responsibilities:

- Estimated 25% of internal data sources such as patient check-in's(Triggers, Symptom's, Peak Flow's, EHR), and the safety zone correlates with 75% of external data sources such as Wearable's, Air quality, Weather, Pollen count, and medication's.
- Coded to merge all the data sources, extracting relevant features, analyzing missing values, training the model and deploying to production, to predict patient's asthma severity within his/her proximity.
- Collaborated with a team of Doctor, Pharmacist, Business development and software engineer to build exceptional, data-driven dashboards.
- Worked on Jboss Business Rule Engine (DROOLS)-Rete Algorithm, to create, edit rules according to asthma patient daily activities.
- Planed to work on improving user interface interaction between the patient and the app, using Artificial intelligence based techniques.
- Identified to use of clinical data for marketing research and targeting the potential customer's, to recommend the asthma app and improve patient's adherence to medication's.

Machine Learning Researcher

June 2015 – Present

Teaching Assistant
University of Massachusetts, Lowell

May 2015- August 2015

Software Engineer – Internship
Technophilia System's, Mumbai, India.

June-2009

Education:

Master's Degree, Major: Computer Science
University of Massachusetts, USA

Dec 2017