HITIKA AILANI

Final Year Computer Science Student

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EXPERIENCE

Data Analytics Intern
Peacock Solar

📅 May 2020 - July 2020   📍 Work from Home

Day to day responsibilities of data preprocessing and transformation, and applying various machine learning algorithms to solve real-world problems by analysing the provided dataset and coming up with some innovative solutions. Also, to build a regression model which will focus upon which city should the company go for solar plant installations to maximize their profit.

Software Engineering Intern
Linux World Informatics

📅 May 2019 - July 2019   📍 Jaipur

Learned technologies like Python, Machine Learning/Deep Learning, IoT, Hadoop clusters, Linux, Ansible, Docker, Augmented Reality and Cloud Computing. Created a Power Managing product and developed an IT solution web-app for Automating Servers.

PROJECTS

Predicting Domain of Job by analysing the Job Description
Machine Learning, Python, NLP, Data Visualization

Given job description posted on any platform, the model can predict the Type of Job or the Domain of that job. Supervised Learning - Logistic Regression, Support vector Machines, Gaussian Naive Bayes, Naive Bayes, K-Nearest Neighbor. Unsupervised Learning - K-Means Clustering. Compared the accuracies of all the algorithms applied and identified best algorithm for this problem

Classifying fake news using supervised learning with NLP
Machine Learning, Python, NLP

Methodology used: Extract features from the text to help predict the label using bag-of-words or tf-idf vectors. Building word count vectors with scikit-learn, TfidfVectorizer for text classification, Inspecting the vectors. Training and testing the "fake news" model with CountVectorizer and TfidfVectorizer.Improving the model using different alpha values. Inspecting the model, mapping the important vector weights back to actual words.

Arline Dataset Analysis for Alaska Airline

Worked upon SAS(Statistical Analysis System) software to study and analyse Alaska Airline Dataset and present its Business Model.

EXTRA-CURRICULAR INVOLVEMENT

- Member of CSI-JKLU Student Chapter
- Participated in Virtual Campus League 2018, an inter college National level programming/coding event organized by Techgig
- Enthusiastic coordinator of various events of college like C Debugging contest, fashion show.

EDUCATION

B.Tech in Computer Science Engineering with specialization in IBM Big Data Analytics
JK Lakshmipat University

📅 July 2017 onwards   📍 Jaipur

CGPA : 7.588 till 6th semester

Class XII - CBSE
Saint Anselm's Senior Secondary School

📅 May 2017   📍 Jaipur

Percentage : 89.6

Class X - CBSE
Saint Anselm's Senior Secondary School

📅 May 2015   📍 Jaipur

CGPA : 8.2

SKILLS

C/C++   Python   Machine Learning   HTML/CSS   Ansible   Linux   SQL   IBM Cognos Analytics and SPSS Modeler   SAS

CERTIFICATIONS

🏆 **Red Hat Certified System Administrator**
Certification ID: 190-128-298

🏆 **Red Hat Certified Specialist in Ansible Automation**
Certification ID: 190-128-298

🏆 **Business Intelligence Analyst - Mastery Award for Students 2018**
Unique ID: 0064-1575-9666-2701

🏆 **Predictive Analytics Modeler 2020 Mastery**
Unique ID: 2068-1594-8778-5429

AREA OF INTEREST

- Data Science - Machine Learning
- Software Engineer
- Business Intelligence - IBM Cognos
- Devops and Linux