HARSH SHUKLA

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SUMMARY

Predictive Analytics graduate student with keen interest in Data analytics and Predictive modeling. Experienced in working with large and complex datasets in domains such as healthcare, police records, and customer behavior. Familiar with advance machine learning algorithms, data analytics, Regression, decision trees, ensemble learning and model validation. Able to explain analytical solutions using data visualization software to wide range of audience in a clear and precise manner. Proven team leader with broad, collaborative capabilities, detailed work and time bound.

EDUCATION

Master of Science in Predictive Analysis   **2017 – 2019**
 DePaul University, Chicago, IL

Bachelor of Engineering in Information Technology   **2012 – 2016**
 Gujarat Technological University (GTU), Gujarat, India

TECHNICAL SKILLS

- SQL (MySQL, PostgreSQL)
- Tableau
- Python, R, SPSS, SAS
- MS Office Suite (WORD, POWERPOINT, EXCEL)

PROJECTS

Probabilistic Classification of Lung Cancer in CT Scan Image   **September 2018 – November 2018**

Data: LIDC (Lung Image Database Consortium collection)

Implementation: Ongoing university Project where we implemented an **ensembled Probabilistic classification model** using **R, SAS and Tableau.**

Visualizing Fatal Police Shooting in USA over Race, Poverty and Education Levels   **April 2018 – June 2018**

Data: Police killing in United States from 2015 to 2017

Implementation: Visualized racial gap between killings and whether poverty level and education level of the individual states affect the killings by creating **Diffusion Cartogram, choropleth, Bubble chart** and **heat map** using **R** and **Tableau.**

Predicting Probability of Customer's Likelihood to Frequent a Store Every Week   **March 2018**

Data: Departmental Store dataset without a target variable

Implementation: Generated Target variable using **SQL** from domain knowledge and then implemented **logistic regression** to predict customer's likely hood to come back and purchase less than 3 products on weekly basis using **SAS**.

Effective Factors on Mental health   **January 2018 – March 2018**

Data: International survey of Mental Health in Tech workplace

Implementation: Performed major data cleaning since it was survey data and built a **logistic predictive regression** model to check the likely causes that affect mental health using **SAS** and **SQL**.

EXPERIENCE

Information Services Department, DePaul University
Student Assistant at Classroom Technologies Division   **September 2017 – Present**
- Responsible for on the spot equipment trouble shooting, reconfiguring and installing projectors, equipment and software in classrooms. Providing Tech-support for classrooms. Communicating with clients and resolving queries. Working under time constraint. Mentoring new recruits**.**

Web big2day   **August 2016 – July 2017**
Content Writer and Client Collaboration
- Consulting directly with clients understanding their requirements and providing guidance or solution according to their need.
- Writing website content and understanding domain requirements of clients.

Link Technologies   **August 2015 – May 2016**
Project Training
- Developing web portal for discounted student Regional Transportation Services with JSP in JAVA.

Team Leader, Capstone Undergrad Project   **August 2015 – May 2016**
Active Volunteer at DISA (DePaul Indian Student Association)   **January 2018 - Present**
Volunteer data science workshop host for Data Science students' group   **April 2019 - Present**