AAKANKSHA TASGAONKAR

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Recent graduate with expertise in exploratory data analytics and predictive modeling, looking for opportunities in Business Intelligence, Data Science and Product Analytics teams. Fast learner with an excellent academic record and an innate curiosity to learn all things data

EDUCATION

- *M.S. Information Systems* **|** California State University, Los Angeles | 3.80   Aug 2018 – May 2020
- *B.E. in Electronics and Telecommunications* **|** University of Nagpur   Aug 2011 – May 2015

TECHNICAL SKILLS

- *Data Visualization Tools:* Tableau, Power BI, Excel, PowerPoint
- *Programming Languages:* SQL, R, SAS, Python, Assembly language
- *Statistics/Machine Learning:* Regression, Tree-Based Models, ANOVA, NLP

RESEARCH PROJECTS & PUBLICATIONS

A Machine Learning Approach for Prediction of Length of Stay for the Kid's Inpatient Database

IEEE Big Data Conference Proceedings, Los Angeles   Dec 2019
- Performed exploratory data analysis - *Identified female patients have a longer length of stay compared to males*
- Developed a Random Forest Regression model to predict the length of stay for inpatient kids

Malicious URLs Detection: A Machine Learning Approach

Cyber Security & Awareness Intercollegiate Competition, Cal Poly Pomona   Oct 2019
- Developed a Tree-based model to detect Malicious URLs with 99% Accuracy - *Submission Won First Prize*

New York Parking Tickets Analysis Poster

Stanford Global Women Data Science (WiDS) Conference 2019, Los Angeles   Feb 2019
- Extracted data from open city portal and analyzed Zip level trends to identify hotspots and peak violations across 4 years

ACADEMIC PROJECTS

- 'Image Recognition': Developed ML based Detection & Alerting services for images leveraging the *AWS stack*
- 'Google Play Store': Analyzed app store data using *Pandas* to identify commonalities amongst most viral apps
- 'Weather & BikeShare': Used *R (dplyr | ggpplot2)* to study effect of weather on bikeshare trips for Austin city

PROFESSIONAL EXPERIENCE

Graduate Assistant | College of Business and Economics | Los Angeles, CA   Feb 2019 – May 2020
- System administrator; Generated analytic reports based on survey responses
- Built Visualizations in Tableau & Python and Conducted statistical analysis as a part of research assistance

Graduate Trainee Engineer | Mecgale Pneumatic Pvt. Ltd. | Nagpur, India   Aug 2015 – Aug 2016
- Developed financial plans and resourcing forecasts for various engineering projects

ACCOMPLISHMENTS

- Awarded *Non-Resident Tuition Fee Waiver*, California State University, Los Angeles
- *Special Graduate Student Recognition* for Research, California State University, Los Angeles
- Received *Honors for Academic Achievement*, California State University, Los Angeles

HOBBIES

- Dancing, Traveling, Swimming, Basketball