

Siddhartha Pachhai

siddhartha.pachhai@gmail.com / 973-609-3918

Summary: Highly-driven Master of Business and Science (MBS) degree student in Analytics, Informatics and Data Science; Bachelor of Arts degree in Business Economic. Experience as a Data Analyst/Researcher Intern for a software company.

Education: * Master of Business and Science in Analytics, Rutgers University, New Brunswick, New Jersey (in progress) * Bachelor of Arts in Business Economics (with Honors), Lancaster University UK/India

PROFESSIONAL EXPERIENCE : Data Analyst/Researcher Intern at Young Innovations, Kathmandu
Aug 2016 to Dec 2016

- Cleaned and Analyzed Data from online repository and performed statistical analysis on it. The results from my analysis were used to build the user interface of an software, “AidStream”.
- Using SQL and Excel identified a set of existing publishers (from online Databases) whose data quality could be improved with our Software.
- Analyzed ZenDesk(customer support) issues and AidStream data(company data) together, to identify improvement points , which was discussed with Manager and team to generate material for enhancing user experience.

PROJECTS : Women’s tennis logistic regression (Rutgers Class Project)

- Acquired a data set for women’s tennis tournaments for 2013 from UCI machine learning library.
- Cleaned and organized the data for regression. For model building performed correlation analysis. Performed step wise selection to filter out unwanted variables. Performed Residual Analysis to find transformation and outliers. Used ANOVA and partial model tests to test each variable at different stages. Used R ggplot2 and base graphics to visualize the process.
- Constructed a logistic regression model for generating probabilities.

Museum of modern art (Rutgers Class Project)

- Applied programming techniques to build a website that displayed statistics and information for a data set, which had information on the artworks of the Museum of Modern Art New York.
- Cleaned and organized the data using python.
- Build an interactive website which had interactive graphs, statistics and a search engine with python code and python flask library.

CORE COMPETENCIES: Regression, Inferential Statistic’s, ANOVA tests, Data Structures and Algorithms, Economics, Finance, Marketing, Knowledge of Machine Learning, Knowledge of Data Base Management Systems

TECHNICAL SKILLS: Python/Anaconda, R /R-Studio, SkLearn/Statsmodel, Knowledge of MySQL/PostgreSQL, Excel (Vlookup, pivot tables, formulas), Knowledge of XML/HTML/PHP, Tableau,SPSS, MS Office (Word, Powerpoint), Google Docs, Knowledge of NoSQL DB’s like MongoDB

WORK EXAMPLES: <https://handshake.shinyapps.io/meteor/>, <https://blog.yipl.com.np/tanzania-ngos-a-quick-analysis-from-iatl-data-65c8cc2c1c8b>, <https://pyart.herokuapp.com>