Yash Katariya

Github | Email | +91-7768838624 | Website | LinkedIn

EDUCATION

B.E. in Computer Engineering — 2013 - 2017
University of Pune (SPPU), Pune — GPA: 3.46 / 4
Pune Institute of Computer Technology

WORK

Project Intern, **E2open, Pune** — Dec 2016 - Current
Worked with a team in the domain of Data Science on price elasticity and optimization. I was responsible for forecasting of retail sales with multiple store multiple item combinations using past data and analyse and predict the optimal price to maximize sales using different regression models.

SKILLS

Languages
(*Proficient*) - Python, (*Intermediate*) - C++, HTML, CSS, (*Experience with*) - Java, Javascript

Databases
MySQL, MongoDB, SQlite3

Frameworks / Tools
Django, scikit-learn, Pandas, Express.js, Linux, Eclipse, Git

PUBLICATION

Aakash Raina, Akash Vartak, Prof. P. R. Patil, Yash Katariya, Yash Lahoti, "A Survey on Promotional and Base Level Forecasting using ARIMA", In International Journal of Computer Systems (IJCS), pp: 10-12, Volume 4, Issue 1, January 2017 [Link]

ACCOLADES

World Rank 16 / 1494 in the Analytics Vidhya Ultimate Student Hunt Machine Learning Competition.

Stood 9 / 926 participants in the MiniHack: Machine Learning Competition held by Analytics Vidhya.

PROJECTS

More projects can be found on Github

Regression of Visitor Attendance Using XGBoost Model
Built XGBoost and Gradient Boosting Regressor(GBR) models to predict the number of visitor attendance count given the weather conditions of the National Park. Cleaned and analyzed the data and engineered new features. Developed as a part of the Ultimate Student Machine Learning Championship by Analytics Vidhya.

Strategies to win at Jeopardy
Analyzed text from the data to figure out the strategies to win at Jeopardy. Normalized the text and cleaned the data set and calculated probabilities of different strategies.

Predicting the number of bike rentals
Munged the data and used Linear Regression, Decision Trees and Random Forests to predict the average number of bike rentals in an hour. Calculated the error and compared which model performs the best.

Restaurant Locator
Displays nearby restaurants in your city using Foursquare API and gives you driving directions from your location to the hotel's location using Google maps API.

Alert on Intrusion
Uses Twilio's API to send a text message on invalid authentication on your machine. Also, it captures the image of the intruder and integrates the location of the machine in the text message.