

Yash Katariya

Github	Email	+91-7768838624	Website	LinkedIn
EDUCATION	B.E. in Computer Engineering University of Pune (SPPU), Pune Pune Institute of Computer Technology			2013 - 2017 GPA: 3.46 / 4
WORK	Project Intern, E2open, Pune 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.			Dec 2016 - Current
SKILLS	Languages (<i>Proficient</i>) - Python, (<i>Intermediate</i>) - C++, HTML, CSS, (<i>Experience with</i>) - 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.			