

# KEVIN DOSHI

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## EDUCATION

### Rutgers Business School

Master of Information Technology and Analytics.

New Brunswick, New Jersey

December 2018

**GPA:** 3.83

**Current Courses:** Introduction to Data Science, Analytics for Business Intelligence, Data Analysis and Decision Making, Regression Analysis Applied using R and Business Analytics Programming.

### University of Mumbai

Bachelor of Engineering, Information Technology.

Mumbai, India

June 2017

**GPA:** 3.55

**Relevant Courses:** Big Data Analytics, Data Mining and Business Intelligence, Computer Networks and Database Management Systems.

## TECHNICAL SKILLS

- **Programming Languages:** R, Python, SQL, Java, PHP, HTML, CSS, JavaScript, C.
- **Database Technologies:** Microsoft Access 2016, MySQL, Microsoft SQL Server, Oracle Server.
- **Data Visualization Tools:** Tableau, Spotfire, Advanced Excel, Bokeh, Seaborn.
- **Software Tools:** Android Studio, NetBeans, Anaconda, SAP, Microsoft Office.

## RESEARCH PROJECTS

### Forecasting of Future Stock Prices

March 2018

- Performed Time-Series analysis on stock prices of Apple Inc. for last 6 years using R.
- Predicted the future of stock prices for 6 months based on the historical data with an accuracy of 85%.

### Statistical Analysis of Height and Weight

December 2017

- Analyzed 10,000 records of Height and Weight of individuals using Microsoft Excel.
- Performed Linear Regression to find the relationship between Height and Weight.
- Predicted the gender of an individual based on given Height and Weight using Logistic Regression with an accuracy of 92%.

### Predictive Analysis of Surge Price

December 2017

- Analysed over 20,000 records of Uber's pickup location, pickup date and time in New York City using Python.
- Predicted the surge price based on the traffic at a time and place using machine learning concepts such as clustering and regression techniques.

### Predictive Analysis of Zillow Rent Index

November 2017

- Analysed over 10,000 records of rent index of cities in the United States for the period of 7 years using Python.
- Performed Data Visualization and Exploratory Data Analysis using Tableau.
- Predicted Rent Index for New Jersey State for next 6 months using Polynomial Regression with an accuracy of 90% using packages like Scikit-learning and NumPy.
- Performed trend analysis on rent index of New Jersey State for the period of 7 years using Pandas.

### Child Security – CARE Application

May 2017

- Developed an android application for a device that tracks and displays current location using Java.
- Utilized Geofencing technology to notifies the monitor if device location is not within the user specified range.
- Designed and maintained user's database using MySQL and PHP.
- Established connection between application and device using Firebase Cloud Messaging.

## ACTIVITIES

- **Organising Committee, Maker Mela** – Worked with logistics team of Maker Mela, a national level event organized by Riidl. I handled infrastructures, provisions, accommodation, and security for the event.
- **Volunteer, Rotaract Club of Mumbai** – Handled events organized by Rotaract Club of Mumbai such as Mega Medical Camps, Organ Donation Drive, and many more.
- **Volunteer, Symphony 2013** – Worked with publicity team of Symphony, a cultural festival of K. J. Somaiya College of Engineering. I handled publicity of event and handled some logistic issues such as security and accommodation on the day of event.