PARESH VINUBHAI VALA

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EDUCATION

Northeastern University, Boston   September 2018–Present

Master's in Analytics

Course work: Introduction to Analytics, Probability Theory and Statistical Analysis, Predictive Analysis, Database management systems, Foundation of Informatics, Intermediate Analytics, Communication/ Visualization for Data Analytics

Gujarat Technological University, Gujarat, India   May 2018

Bachelor of Engineering in Information Technology

Course work: Data Structures, Data compression and data retrieval, Data mining and Business intelligence, Big data analytics, Python programming, Analysis and design of algorithms, Advanced engineering mathematics

TECHNICAL KNOWLEDGE

Programming Languages: R, Python, Java, PHP, CSS, C++, HTML

Data skills: Data Cleansing, Modeling, Preprocessing, Mining, Visualization, ETL

Business Tools: Tableau, Eclipse, R Studio, Android Studio, MS Office, Excel, Qlik

Database: SQL

ACADEMIC PROJECTS

Bike Rental Prediction Model   April 2019

- Analyzed bike rental data available online on UCI MI repository.to get insight in data.
- Designed predictive models using Random Forest and Time series approaches which can help company to predict their future business.
- Performed testing using different parameters and scenarios.

Smart School Bus System   June 2017 – April 2018

- The language of Implementation: Android, MySQL, PHP, HTML.
- It's a system which will automate the School bus management system and compute the appearance of students and driver automatically using the RFID card. Parents can track the bus, check their child's attendance, and get forecasted Estimated Arrival Time. This provides Safety to the students and formulate transparency between school and parents.

WORK EXPERIENCE

Teaching Assistant (Northeastern University, Boston, MA)

- Intermediate Analytics   Sep 2019-Dec 2019
- Web and Mobile Development   Jan 2019-Feb 2019

Served as a fill-in teacher's assistant at the College of Professional Studies.

Mentored & provided guidance and feedback to 25+ students in Web and mobile development.

Database Developer Intern (Dot Net Expert, GJ, India)   June 2017

Worked on connectivity of SQL databases to the web and mobile applications. Implemented different technology like Bootstrap, jQuery, Angular JS, Web, and Mobile Application Architecture.

CERTIFICATES

- Online Courses: Intermediate R (DataCamp), Statistics Foundations (Lynda), Fundamentals of Digital Marketing (Google), Google Analytics for Beginners (Google), Applied CS with Android (Google), Intro. to programming with Python (Edx), Introduction to the Tidyverse (DataCamp)