

# HIMANSHU PREMCHANDANI

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## SUMMARY

Master's Candidate in Business Analytics from Purdue University with 2 years of professional experience in IT-Consulting; seeking full-time positions in Data Analytics/Business Intelligence starting June 2019

## EDUCATION

**Purdue University** June 2018 to Current  
M.S. Business Analytics and Information Management 2019

**Devi Ahilya University** Aug. 2012 to Apr. 2016  
Bachelor of Engineering Electronics and Telecommunication 2016

## EMPLOYMENT

**Accenture** Gurgaon, India  
**Application Development Analyst** Dec. 2017 to May 2018

- Developed stubbed responses using JavaScript to mock functionalities of in-progress end systems through mountebank; enabling service virtualization for API integration and CIT testing
- Mentored 7 new recruits in project onboarding process consisting of business overview, technical detail sessions, knowledge transfer and problem resolution sessions
- Automated stubs development process collaborating with system architects; reducing build time by 45%

**Application Development Associate** Gurgaon, India  
May 2016 to Nov. 2017

- Executed archival plan to archive legacy application data for long-term storage while retaining reporting access through Informatica ILM; compressing application data up to 95% to save space
- Designed ETL data flow mapping using Informatica to extract data from multiple source systems that comprised of databases like Oracle 10g/11g, DB2, MySQL, Microsoft SQL Server
- Enforced data retention policies and legal holds on legacy applications for specific duration; upon completion of which retained applications were purged to reduce maintenance costs for the client

## PROJECTS

**Industry Practicum Project** Dec. 2018 to Mar. 2019

- Collaborated with an industry partner (undisclosed) to estimate additional improvements telematics can achieve in developing Usage Based Insurance pricing model using real-world driver insurance data
- Improved no-claim classification accuracy significantly from 56% to 74% using telematics data

**Predicting Fraudulent Transactions | R, Tableau, R-Shiny** Oct. 2018 to Oct. 2018

- Developed Decision Support System using logistic regression model to predict fraudulent transactions
- Performed feature engineering to improve interpretability of features; predicted and compared different classification algorithms based on balanced accuracy, sensitivity and specificity

**Chicago's bike rental system | Python, Tableau** June 2018 to June 2018

- Used linear regression techniques to quantify seasonal and hourly demands of rental bikes in Chicago. Identified most popular bike routes; made recommendations to improve operations and user experience

## SKILLS

**PROGRAMMING LANGUAGES AND TOOLS:** R, Python, Tableau, MATLAB, SAS, Microsoft Azure, Minitab, Informatica ILM, SQL, JavaScript, Microsoft Visual Studios, Microsoft TFS

**CORE COMPETENCIES:** A/B Testing, Hypothesis Testing, Data Analysis, Data Visualization, Regression & Clustering Analysis, Data Management, Sentiment Analysis, Agile Methodology

## ACTIVITIES

Machine Learning by Stanford University on Coursera, Mar'19

Advanced-level Google Analytics Individual Qualification, Jan'19

Poster on "IoT in the Insurance Industry: Using Telematics Data to Strategically Manage Risk and Prices" shortlisted for presentation at INFORMS Business Analytics Conference'19