

Devanshi Dholakia

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EDUCATION

M.S. in Business Analytics (Concentration - Statistics) , Drexel University, Philadelphia, PA	March 2019
Fundamentals of Visualization with Tableau , University of California, Davis – Coursera	2019
SQL for Data Science , University of California, Davis - Coursera	2019
M.Com. in Accountancy , University of Mumbai, Mumbai, India	2014
B.Com. in Financial Accounting & Auditing , University of Mumbai, Mumbai, India	2010

PROFESSIONAL EXPERIENCE

Drexel University , Philadelphia, PA	Sept 2018 - Dec 2018
Graduate Teaching Assistant , Decision Sciences & MIS	
<ul style="list-style-type: none">Taught three Management Information Systems classes of 25-40 undergraduate students	
Continuum Health Alliance , Marlton, NJ	June 2018 - Aug 2018
Informatics Intern , Information Technology - Analytics	
<ul style="list-style-type: none">Built using MySQL, master patient engagement tables for health care providers and in-house analytics team to meet patient satisfaction and cost of care goalsCreated complex SQL views and stored procedures to join multiple tables. Extracted and collated data from several SQL relational databases managing up to 80000 rowsCreated visualization dashboards, using Tableau from these datasets to monitor patient activity and overall medical cost	
B. K. Khare & Co., Chartered Accountants , India	Mar 2017 - June 2017
Associate Auditor , Internal Audit Department	
<ul style="list-style-type: none">Using advanced Excel functionalities, discovered receivables error of \$1M by analyzing the extracted sales and billing dataTested and verified daily stock movement of ~300 products across 4 factory locations for existence and payment of statutory dues for stock movement out of factory premise	
BDO India LLP , India	Sept 2015 - Nov 2016
Associate Forensic Analyst , Forensic Advisory Services (Mar 2016 - Nov 2016)	
<ul style="list-style-type: none">Used Excel and Tableau to create visually impactful dashboard along with investigative reports for senior management and clients detailing procedures undertaken, results, limitations, and recommendationsIdentified siphoned funds and hidden assets worth \$30M, for a bank to initiate recovery proceedings, by investigating funds routed from customer's working capital loan account to personal accountLed implementation and testing of a fraud risk system for an insurance company to automate methodology of conducting reviews and assessments for various functions and branches of the organization	
Associate Auditor , Audit & Assurance (Sep 2015 - Feb 2016)	
<ul style="list-style-type: none">Performed statutory audit and found discrepancies in financial statements, gaps in processes and controls, for a pharma companyPrepared comprehensive monthly finance reports that included analysis of key business trends and actual to budget variance analysis for a leading multinational IT company	

PROJECT EXPERIENCE

- Building a dataset:** Used Python to acquire, scrape, process and clean json data acquired using APIs of a local search service food platform. The processed dataset was made analysis ready to answer business questions.
- Research on research:** Designed variations of a survey and implemented an A/B test to track the number of responses from each. Results from the Bayesian test and confidence interval announced which survey outperformed
- Customer Review Analysis:** Using advanced text mining techniques on customer reviews, identified the relationship between music app attributes and popularity. Created data visualization of the analysis to track the performance of the critical success drivers.
- Analyzing the prognosis of Chronic Kidney Disease:** Built a model with an accuracy of ~90% to aid with early detection of Chronic Kidney Disease, given the medical conditions and demographic data of 8800 individuals

SKILLS

Programming: Python, R Programming, SAS, SQL, SAP HANA, Advanced Excel, Tableau, EViews, MS Access

Machine Learning: Hypothesis Testing, Predictive Modeling, Text Mining & Analytics, Regression Analysis, Principal Component Analysis, K-means Clustering, Factor Analysis, Random Forest, Experimental Design & Analysis, A/B Testing

CERTIFICATIONS

- Certified Public Accountant (CPA)**, American Institute of Certified Public Accountants
 - Chartered Accountant (CA)**, The Institute of Chartered Accountants of India
- May 2016
Jan 2015