

# Pushpendra

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## EDUCATION

**The Inverts University, Bareilly, Uttar Pradesh.**

*Masters in Data Analytics*

**Spring 2021**

**VIT Vellore, India.**

**June 2015**

*B.E., Computer Science*

## SKILLS

**Analytical Tools:** Power BI, Excel, SAS EM, SAP Business Objects, Crystal Reports

**Programming Languages:** SQL, HTML, CSS

**Database:** MySQL, Microsoft SQL Server,

**Core Competencies:** Communication - Secretary of Toastmasters club. Presentation Skills: Spoke at PyData (2021)

## BUSINESS EXPERIENCE

**CHARLES SCHWAB & CO.**

**May 2019 – Aug 2019**

*Digital Services Analyst Intern - Analytics Business Insights*

- Conducted the Root Cause Analysis of bad data and queried approx. 1M records loaded into the Big Data Environment with the help of Hive QL in Nexus Query Chameleon replicating the Adobe Data Structure.
- Implemented innovative approach to convert HQL scripts to SQL using Custom SQL Editor of Tableau & performed analysis, producing quantitative visualizations in Tableau to help manage performance.
- Automated these Web Analytics Dashboards with the help of UNIX and Report Tracker, which ran through manual intervention before, **saving 87% of the time and saving approximately \$2.5M.**
- Communicated and presented insights clearly and compellingly to senior leadership of the organization.

**TATA CONSULTANCY SERVICES.**

*(I) SQL Analyst – Client, Bank of Montreal (Pune, India)*

**Aug 2015 – May 2018**

- Developed ETL Mappings using Netezza SQL to extract the data from unstructured data and transformed it to the Staging area, EDW and then to the Data Marts (OLAP DB) for approximately 10,000 records.
- Designed 167 SQL QA queries from source to target tables based on transformation rules and lookup tables comparing business and production data with efficiency of 99%.

*(II) Data Analyst– Client, DELL-EMC (Bangalore, India)*

- Analyzed dataset in MS Excel and collaborated with Automation, Finance, Accounting, and IT Operations to gather and prioritize their business requirements for Dell's Purchasing and Sales order system.

## ACADEMIC PROJECT

**Cloud Technologies, Cloud Computing (AWS)**

**Aug 2019 – Present**

- Using AWS Cloud formation building a public cloud including a production Webserver.
- Simulating an Internet invasion into the webserver, compromising the EC2 instance.
- Integrating AWS cloud security services for automatically notifying security team via email to take actions.

**Mobile Application for Bank, Agile Project Management**

**June 2019 – July 2019**

- Developed a Scrum project by building Project Charter, Product Backlog, Product Release Plan, Sprint Planning, implementing in JIRA and CONFLUENCE and preparing Gantt Chart in MS Project for each Activity.

**Airbnb Data Analysis, Business Analytics with SAS**

**Aug 2018 – Dec 2018**

- Implementation of data mining techniques to gain insights in business, helping Airbnb to rise in the market.
- Built Models using Decision tree, Neural Networks, Logistic Regression to analyze KPI's behind the determination of price of a room for the new hosts and predicted about 19% profit.

**Statistical Analysis using EXCEL**

**Aug 2018 – Sept 2018**

- Evaluated sample data set using outlier analysis, boxplots, V-lookup, Chi-square, Normal and T-Distribution.