**VIVEK CHINTALA**

**SUMMARY**

* Over 7+ years of comprehensive work experience in data science, data engineering, marketing analytics and business intelligence in medical, retail and supply chain domains.
* Ability to solve complex business problems using Predictive Modeling, Statistical Analysis and Exploratory Data Analysis.
* Experienced with Predictive Modeling using Time Series Forecasting, Clustering, Classification and Regression techniques.
* Absolute knowledge of software development life cycle, database design, RDBMS, data warehousing and data modeling concepts.
* Worked with the Apache Spark Framework for customer analytics using Spark SQL queries on large scale datasets.
* Structured, formulated and recognized the various patterns in the data using mathematical and computational algorithms.
* Pre-processed structured and unstructured data from different sources (RDBMS, Hadoop) using Hive, SQL.
* Experience in writing complex SQL queries involving multiple tables using inner/outer joins, sub queries, CTEs, window functions and views.
* Expert in designing complex reports like Drill-Through reports, Funnel reports, Root cause analysis reports and Post campaign analysis reports based on client requirement.
* Executed SQL queries to verify the data quality in the reports.
* Demonstrated leadership abilities and team-work skills as well as the ability to accomplish tasks under minimal direction and supervision.
* Experience in AGILE (Scrum) Methodology, participating in daily scrum meetings, and being actively involved in sprint planning and product backlog creation.

**Technical Skills**

* **SQL**
* **Python**
* **Tableau**
* **SPARK, SPARK SQL**
* **Anaconda Navigator**
* **Advanced Excel (VLOOKUP’s, Pivot Tables etc)**
* **Salesforce Platform (Sales, Service, Marketing)**

**Professional Experience**

**Johnson & Johnson, Milpitas, California, USA**  **March 2021 – Present DATA Scientist**

* Used python code in our day-to-day activity to develop scripts according to the requirements for TAS analysis tool that is used to analyze treatment data from the laser system.
* The treatment log files are run across python script using Anaconda Navigator and the output csv files are compared with standard comparison sheets to analyze as to what treatment parameters are passing and failing.
* Worked with cross functional teams in updating the data and make them understand overall output of treatment data.
* Create and Distribute all Plan Target Documents in Callidus Cloud.
* Assist with SOX and quarterly audit process of treatment data incentive file.
* Manipulated large data sets to identify patterns, investigate blockers and help data flow through pipelines.
* Worked with development team to design, develop and launch System development Plans annually.
* Extracted data from disparate sources, and increased agility and accuracy with a centralized system.
* Constructed decisions tree to optimize needed algorithm to better target the learning audience by 15%

Tools: Anaconda navigator, Python, SQL, Hive, Spyder, Bitbucket, Excel, TEDOE, TAS, JFrog

**ZF Group, Washington Township, Michigan, USA September 2017 – Feb 2021**

**DATA ENGINEER**

* Worked on creating tables in Oracle DB and assigned all the schemas to a specific used id and password.
* Onboarded these user id and password which has access to specific schema to APV.
* APV Application Password Vault is a secure feature developed by ZF to control all the schema tables in Oracle Under one user id and Password the end point for this APV is a Rest API and can be accessed by passing Cert and jks key file as authorization.
* Worked on Shara API integration on to E1 and E2 CDP clusters, Sahara API is a feature to trigger Service now incidents if a job fails in Dev, QA or Production environment.
* Connected to S3 buckets through spark shell to access various merchant and auth data in ORC format.
* Worked on settlements load ready file which is a report to compare all the credit and debit amounts between two files.
* Used SQL queries to fetch data from various tables from Oracle DB and manipulate the data according to the client requirement.

Tools: AWS S3, MySQL, Oracle DB, Spark, IBM Doors, JIRA, AGILE, Git Hub

**Accenture Services, Financial District, Hyderabad, India May 2014 – Jan 2016**

**DATA Analyst**

* Developed and owned reporting for Ferrero program with SQL and Excel.
* Identified procedural areas of improvement through customer data, using SQL to help improve the profitability of a Ferrero program.
* Recommended over 100 actionable steps within the first year that improved automation by 7% and profit by 9%
* Coordinated with the product and marketing teams to determine what kind of client interactions resulted in maximized service options, increasing conversions by 18%
* Implemented security guidelines by using user filters and row level security, reducing private data exposure by 73%
* Presented presentations concerning ad-hoc research and findings from disparate sources to upper-level management.
* Worked with finance, sales, and operations to update and maintain manuals and SOPs.

Tools: SQL, JIRA, Excel VBA, Tableau, Github, Oracle DB, Citrix

**Education**

**Master of Science** | **CGPA**: 3.6/4.0 **Jan 2016 – May 2017**

University of Bridgeport, Bridgeport, Connecticut, USA

**Bachelor of Science** | **CGPA**: 3.4/4.0 **July 2010 – May 2014**

Vellore Institute of Technology, Vellore, Tamil Nadu, India