**Yash Vichare**

**Data Analyst**

**Phone**

+1- 601-207-1305

**Email**

yash@cvemail.com

**Location**

Boston, MA

**Summary**

* 3+ years of experience in data analysis and statistical modelling including data extraction, manipulation, visualization and validation techniques, reporting on various projects.
* Knowledge in all phases of SDLC like Requirement Analysis, Implementation, and Maintenance, and Good experience with Agile and Scrum.
* Good knowledge of developing different Statistical, Text Analytics, Data Mining solutions to various business generating and problem data visualizations using Python and Tableau Design and development of Data warehouse for Business Intelligence data marts, and reporting.
* Experience in working with Tableau Desktop, Tableau Server, and Tableau Reader in various versions of Tableau.
* Worked on several python packages like NumPy, pandas, PyTables, Seaborn, Matplotlib, and Scikit-learn.
* Hands-on Experience in Power BI, Power Pivot, and in creating dashboards in Power BI and Tableau visualization tools.
* Working knowledge of SQL Server Integration Services (SSIS), SQL Server Analysis Services (SSAS), and SQL Server Reporting Services (SSRS), and Power BI.
* Knowledge of using PyCharm, Anaconda, Visual Studio, and Sublime Text while developing the different applications in python.
* Good knowledge with OLTP/OLAP System and E-R modeling, developing database, dimensional, and multidimensional modeling.
* Highly skilled in writing SQL, with in-depth experience creating databases, queries, designing tables, and reports.
* Proficient in creating filters, quick filters, data source filters global filters, context filters, user filters, actions, and creating Dashboards for key performance indicators (KPI).
* Good knowledge of MS office (MS Excel, MS Word).
* Hands-on experience in Stored Procedures, Functions, Triggers, and strong experience in writing complex queries, using SQL Server, MySQL, and PL/SQL.
* Experience in SQL Query tuning and instance tuning as part of performance tuning.
* Hands-on experience with version control systems like GIT and GitHub.
* Supervised and streamlined the daily delegation of incoming issues using Jira.
* Experience in developing data applications in Linux/Windows environments.
* Flexible, enthusiastic, and project-oriented team player with excellent communication skills with leadership abilities to develop a creative solution for the challenging requirement of the client.

**Skills**

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| **Methodology:** | SDLC, Agile, Scrum |
| **Programming Languages:** | Python, R, SQL |
| **Libraries** | Pandas, NumPy, SciPy, Scikit-Learn, Matplotlib, Seaborn |
| **Database:** | SQL Server, MySQL, PostgreSQL |
| **Tracking/Reporting tools:** | JIRA, GIT, GitHub |
| **Visualization tools:** | Tableau, Power BI, Tableau Desktop, Tableau Server, Tableau Reader |
| **Other Tools:** | PyCharm, Anaconda, Visual Studio, Sublime Text |
| **MS-Office Package:** | MS Visio, MS Word, MS PowerPoint |
| **Operating Systems:** | Windows, Linux |

**Education**

**Master of Professional Studies in Informatics (Data Analytics)**

Northeastern University, MA

**Bachelor of Engineering in Computer Engineering**

Gujarat Technological University, India

**Experience**

**PNC Financial Services, MA | Jan 2020 - Current**

**Roles: Data Analyst**

**Responsibilities:**

* Used Agile methodology throughout the project and had daily scrum meetings and backlog meeting.
* Facilitated the automation process for the reports - which are required to run on a monthly and weekly basis using python script.
* Working with Pandas, NumPy, Seaborn, Matplotlib, and Scikit-learn for performing data analysis.
* Optimization of data sources for route distribution analytics dashboard in Tableau reducing report runtime. Utilized Tableau server to publish and share the reports with the business users.
* Created interactive dashboards and visualizations of claims reports, competitor analysis, and improved statistical data using Tableau.
* Designed and developed various analytical reports from multiple data sources by blending data in a single worksheet in Tableau Desktop and created TreeMap, Heat maps, and background maps.
* Create customize SQL Queries using MySQL Management Studio to pull specified data for analysis and report building in conjunction with Crystal Reports.
* Involved in developing live, interactive data visualizations, dashboards using Tableau Desktop.
* Developing a tidy dataset, Data visualization in R using various packages.
* Convert Access databases to SQL design tables, import data, and developing constraints and indexes ensuring data integrity.
* Work with a team of developers to design, develop, and implement in Tableau to measure Point of Sale KPIs at the micro and macro level.
* Working knowledge of Extracting, Transforming, and Loading data from Excel, Flat file, various other data sources to MS SQL Server by developing SSIS (SQL Server Integration Services) packages.
* Derived functional specifications document based on the User Requirement Specification and used JIRA for documenting requirements.
* Extracting data from SQL and providing data analysis in the form of graphs, pie charts, bar charts for Assets, and transactions.
* Design and developed cubes using SQL Server Analysis Services (SSAS) using Microsoft Visual Studio.
* Designed rich data visualizations to model data into human-readable form with Tableau.
* Used the version control tools like GitHub.
* Performed Data Analysis and Data profiling using complex SQL on various sources systems including MySQL.

**Environment:** Agile, scrum, python, Pandas, NumPy, Seaborn, Matplotlib, Scikit-learn, Tableau, Tableau Server, Tableau Desktop, MySQL, Crystal Reports, Tableau Desktop, R, KPIs, JIRA, SSIS, SSAS, Microsoft Visual Studio, Tableau, GitHub.

**7FinCorp Group, India | July 2016 – Aug 2018**

**Roles: Data Analyst**

**Responsibilities:**

* Utilized the Agile methodology of development for Requirements, Planning, Design, and Deployment.
* Imported the customer data into Python using Pandas libraries and performed various data analysis- found patterns in data which helped in key decisions for the company.
* Worked in data investigation, responsible for interpreting variables and data visualization.
* Responsible for all backup, recovery, and upgrading of all of the PostgreSQL databases.
* Generated comprehensive analytical reports by running SQL queries against current databases to conduct data analysis.
* Developed dashboards and ad-hoc reports using MS Power BI for the senior management team for analysis.
* Generating various capacity planning reports (graphical) using Python packages like NumPy, Matplotlib.
* Designed and implemented multiple dashboards using Power BI - PowerPivot & Power Query tools for in-house metrics.
* Generated comprehensive analytical reports by running SQL queries against current databases to conduct data analysis.
* Responsible for creating SQL datasets for Power BI and Ad-hoc Reports.
* Assisted Supply chain analysts with automating reporting functionality using Power BI tools, Power BI reporting, Dashboards & Scorecards (KPI), and MySQL and Data warehouse data sources.
* Experience in using SSIS to create ETL packages to validate, extract, transform, and load data to data warehouse databases, and process SSAS cubes to store data to OLAP databases.
* Good knowledge of tracking systems such as JIRA and version control tools such as Git.
* Used Excel in setting up pivot tables to create various reports using a set of data from an SQL query.

**Environment**: Agile, Pandas, Data investigation, Data Visualization, PostgreSQL, SQL, Power BI, Python NumPy, Matplotlib, PowerPivot, Power Query, Power BI, KPI, MySQL, Data warehouse, SSIS, ETL, SSAS, OLAP, JIRA, Git.