**Varshika A**

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**PROFESSIONAL SUMMARY**

* Business Intelligence Tool Developer with around **9** plus years of relevant experience and track record of delivery of complex Tableau dashboards.
* Analytical Professional with end-to-end experience with data, including **Querying**, **Aggregation** and **Analysis**.
* Expertise in requirement gathering, analysis, design, development, testing, and production rollover of reporting and analysis projects.
* Ability to translate complex data into usable formats for varying audiences, through preparing reports or dashboards in Excel.
* Extensive Tableau Experience in Enterprise Environment, **Tableau Desktop and Tableau Server.**
* Having in-depth knowledge of various reporting objects like Facts, Dimensions, Hierarchies, Data Types, Filters, Actions, Calculated fields, Sets, Groups, Bins, Combined Fields, Table Calculations, Parameters etc., in Tableau.
* Extensively used different Tableau functionalities like **Data Blending, Cross- Database Joins, LOD**, Custom Visualization by creating interesting and Interactive story and dashboards while dealing with different requirements and use cases.
* Advanced experienced with SQL including Joins, Functions, Indexes, Views, Constraints, Primary Keys and Foreign Keys.
* Proficiency in **MySQL**, **Oracle, SQL Server, RDBMS**.
* Strong understanding of project life cycle and Software Development Life Cycle (SDLC) methodologies including Waterfall and Agile.
* Experience in creating different visualizations using Bars, Lines and Pies, Maps, Scatter plots, Gantts, Bubbles, Histograms, Bullets, Heat maps.
* Proficient in working with Hadoop Hive and other databases, extracting data to tableau for analysis and reporting purpose.
* Ability to visualize and communicate insights that lead to actionable recommendations.
* Domain knowledge in **Banking Sector& Social Media platform** (Privacy Program).
* Successful as a team player to work in conjunction with other DBA’s, testers, developers and other team members in validation and testing complex scenarios and projects and in the maintenance of Quality and abilities to develop creative solution for challenging requirement of client.

**TECHNICAL SKILLS**

* Tableau Desktop Development in version 10.x, 2018.x, 2019.x, 2020.x, 2021.x
* Proficient in writing SQL queries and Data Modeling
* Proficient in Tableau Administration of Tableau Online and Tableau Server.
* Proficient in MS Excel with pivot tables, v-lookups, and data manipulation.
* Expertise with Design and Development of Tableau visualization solutions.
* Experience working in Agile environment and Jira software.

**EDUCATION**

* Master’s in computer science - Northwestern Polytechnic University California, USA
* Bachelor’s in computer science engineering - JNTU Hyderabad, India

**WORK EXPERIENCE:**

**BI Developer**, **Meta, CA**  **06/2021 - Present**

***Tableau Desktop/Server, Unidash, Presto***

* Synthesized and translated Business data needs into creative visualizations in Unidash (Meta’s Internal Visualization Tool).
* Experience in Working with GDPR and FTC framework related data.
* Ingested data from disparate sources using Sql and gdocs to construct data views for BI tools like Unidash (which is internal tool of Facebook).
* Involved in new KPI generation for Scorecards. Data collection and leveraging on data  
  manipulation teams for required data.
* Turned Tableau format reports into Data Visualization Dashboards utilizing possible Tableau features.
* Created risk related dashboards for Privacy Risk Assessment where business can take action to mitigate above threshold risks.
* Created Compliance and Issue Management Dashboard for business team to leverage and report to the leadership
* Established best practices for Unidash& Tableau reporting by conducting meetings with Clients and key stakeholders to gather requirements, determine KPIs, and develop POC Dashboards.
* Collaborated with Data Engineers team to automate the data load process by creating pipelines and aggregate tables, indexing and table portioning – optimizing report performance by 20%
* Created ad-hoc reports as requested by compliance team for Assessor asks and provide on-going analytical support for these requests.
* Build Datasets and tables in BigQuery and loading data from Cloud Storage.
* Converted & modified hive Queries to use in Big Query and performed data cleaning on unstructured information using various tools.

**Environment:** Tableau (Desktop/Server) 2021.x, Agile, Unidash, Presto, Hive, My SQL, BigQuery, Microsoft Office Suite (Word, Excel, PowerPoint).

**Achievements:** Accomplished all tasks related to advance analysis actions, calculations, background images, trend lines and statistics.

**Tableau Developer, Lending Club, CA 11/2020 –06/2021**

***Tableau Desktop/Server, MSSQL Server, GRC Tool - Bwise***

* Collaborated with key internal and external business stakeholders and IT teams to collect user requirements for data needs and provide reporting solutions.
* Lead centralized Data Analytics efforts, institutionalized new processes, and developed new analytics perspectives.
* Synthesized and translated Business data needs into creative visualizations in Tableau.
* Mastered the ability to design and deploy rich Graphic visualizations with Drill Down and Drop-down menu option and parameterized using Tableau.
* Generated reports using GRC Tool – Bwise in desired format and create dashboards using Tableau.
* Designed Risk Governance Dashboards to monitor and various type of risk categories at each committee level and Executive Level.
* Worked ERM to build Reports, restructuring the data and develop procedure for ongoing maintenance of reporting dashboards.
* Designed Summary and Detailed reports using Data Blending feature in Tableau and utilized the cascading feature on Dimensions to provide dependency on objects through filters.
* Hands on building Groups, hierarchies, sets to create detail level summary reports and Dashboard using KPI's.
* Enhanced existing ongoing report templates and dashboards built in the Tableau reporting platform.
* Involved new KPI generation for Scorecards. Data collection and leveraging on data  
  manipulation teams for required data.
* Developed Complex SQL Queries for BWise data to pull and modify the data results for Tableau reporting according to the requirement.

**Environment:** Tableau (Desktop/Server) 2020.x, Bwise, SQL Server, Microsoft Office Suite (Word, Excel, PowerPoint).

**Achievements:** Successfully delivered Risk Appetite Metrics and Issues Management Report for Executives which includes Risk coverage across Risk committees.

**Tableau Consultant, First Republic Bank, CA 03/2019–09/2020**

***Tableau Desktop, MSSQL Server, AWS, Snowflake***

* Designed and developed complex interactive Tableau dashboards including LOD expressions, parameters, calculated fields, sets, groups, table calculations, advanced charts, custom SQLs, data blending, cross-database joins, dashboard actions and row level security following best practices in data visualization and design.
* Created Margin Report with securities/trades which are OTC and under the list for Operations team.
* Worked in Tableau environment to build customized and interactive reports, dashboards to view weekly, Monthly, Quarterly, Daily reports using Tableau Desktop and publish to server with report scheduling.
* SME on Labeling & annotations, data blending, data extract, publishing & re-using data sources, applying use as filter actions, quick filtering, hierarchies, conditional formatting, groups the rows and Title and Caption.
* Created standard report Subscriptions and Data Driven report Subscriptions.
* Leveraged Denodo using ODBC connectors also blended with SQL Server data in Tableau.
* Designed few reports using AWS Redshift Cloud for Hackthon to show trends of LOB based on KPIs according to the business needs.

**Environment:** Tableau (Desktop/Server) 2019.x, Agile, Sql Server, Denodo, Microsoft Office Suite (Word, Excel, PowerPoint).

**Achievements:** Successfully deliver and maintain seven complex Tableau dashboards for various line of business leaders

**Tableau Developer, TIAA, NC 10/2017 – 02/2019**

***Tableau Desktop, Tableau Online Admin, MS SQL Server, Advanced Excel***

* Developed Proof-Of-Concept for BI - 529 Plan project using Tableau and provided recommendations to business stakeholders to switch from Excel to Tableau – BIG WIN!!
* Lead requirement analysis for BI - 529 Plan project modules - Education Savings Product & Plan Products
* Migrated complex queries from ESSBASE to SQL Server
* Designed and developed complex interactive Tableau dashboards from Enterprise Data Warehouse (EDW) utilizing advanced functionalities including LOD expressions.
* Developed proof of concepts by creating dashboards with most powerful features of Tableau and reviewed the data statistics with product owners.

* Published dashboards to Tableau Server and set up data refresh automation. Performed Tableau admin tasks for Tableau Online/Server site including creating and managing users, user roles, groups, projects, contents, and permissions.

**Environment:** Tableau (Desktop/Server) 10.x/9.x/8.x, Google Analytics, JIRA, Confluence, Essbase, Sql Server, Microsoft Office Suite (Word, Excel, PowerPoint).

**Achievements:** Successful delivery of over twelve complex Tableau dashboards for 529 Education Savings Product plans that drive high level decision making.

**Database Analyst, Wells Fargo, NC 07/2016 – 09/2017**

***Tableau Desktop, Tableau server, SQL, advanced Excel***

* Designed several visualization dashboards containing filters, URL, and highlighting actions on sheets with calculated columns derived from complex expressions including LOD.
* Involved in creating a dual-axis bar chart with multiple measures.
* Designed and Implemented business Analytical solutions for Banking institutions to increase the data accuracy to enhance the Customer Risk Management.
* Evaluated data management, data quality and data access processes for gaps, inefficiencies, and opportunities; provided recommendations for improvement
* Implemented solutions and processes for management and governance across data quality metrics, metadata, lineage, data access rights and business definitions.
* Involved in reviewing business requirements and analyzing data sources form Excel/Oracle/SQL Server for design, development, testing, and production rollover of reporting and analysis projects within Tableau Desktop.
* Involved in reviewing business requirements and analyzing data sources from Excel/Oracle, SQL Server for design, development, testing, and production rollover of reporting and analysis projects within Tableau Desktop.
* Deep dived into large dataset with SQL queries to find possible business insights.
* Combined views and reports to develop interactive dashboards in tableau desktop that were presented to business users and end users.

**Environment:** Tableau (Desktop/Server) 10.x/9.x/8.x, JIRA, Oracle 11g, Microsoft Office Suite (Word, Excel, PowerPoint).

**Achievements:** Successfully deliver and maintain complex Tableau dashboards for various line of business leaders.

**Tableau Developer, Northwestern Mutual, WI 10/2014 – 06/2016**

***Tableau Desktop, Tableau Online Admin, SQL, advanced Excel***

* Conducted data analytics in consumer finance business and partnered with cross functional teams to support management decision making.
* Involved in reviewing and interpreting BI requirements, analyzing data sources from Excel, Oracle, SQL server for design, development, testing and production rollover of reporting and analysis projects internal to Tableau.
* Designed advanced dashboards and visualizations in Tableau for operational and analytical requirements to represent Premium and Loss data.
* Developed and maintained interactive Tableau dashboards utilizing advanced functionalities including LOD expressions, parameters, calculated fields, sets, groups, table calculations, clustering, statistical functions, and advanced charts.
* ValidatedTableaudashboardsagainstdataextractedfromEssbase toSQL Serversystemusing advancedExcelcalculation.
* Created reports based on matrices, dimensions, drill down, charts using both Tableau desktop and SSRS service.
* Migrated few reports from Adobe Analytics to Tableau using web-based marketing data.
* Presented business findings to project stakeholders including Executives on BOD business review meeting.

**Environment:** Tableau (Desktop/Server) 10.x/9.x/8.x, Agile,TFS, Sql Server, Microsoft Office Suite (Word, Excel, PowerPoint).

**Achievements:** Improved marketing strategies with customer segmentation analysis which increased ROI by 8%.

**Data Analyst, Paxterra Software Solutions, India 06/2013- 12/2013**

***SQL, statistical analysis, Advanced Excel, MS Project***

* Managed web application development projects for financial market including defining business requirements, designing database relational models, and driving projects to completion.
* Excellent knowledge in RDBMS concepts along with Database Objects creation such as Tables, User Defined Data Types, Indexes, Stored Procedures, Views, User Defined Functions, Cursors and Triggers.
* Developed SQL queries to extract data from MySQL database and built financial analysis models with MS Excel features such as Pivot tables, v-lookups, advanced filters, data consolidating, scenario analysis and data manipulation.