

Sahaya Romilda

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EXPERIENCE SUMMARY

- About 5.3 years of experience in BI platform which involves 2 years in QlikView and SQL server, 3.3 years in Tableau 9.0,9.2,9.3 and SQL Server 2012 and Tableau server and Data Modeling.
- Ability to write SQL query for back-end support.
- Skilled in designing and implementing database design.
- Proficiency in metrics, Data visualization, Data Analysis using different visualization tools like Tableau, QlikView.
- Proficient in grasping new technical concepts and utilizing them in an effective manner.
- As a Tableau Developer, responsible for creating wonderful visualizations to help clients to take their decisions faster at first look.
- Data Visualization and complex report building using Tableau.
- Created action filters, parameters and calculated sets for preparing dashboards and worksheets in Tableau.
- Restricted data for particular users using Row level security and User filters.
- Developed Tableau workbooks from multiple data sources using Data Blending.
- Developed Tableau workbooks to perform year over year, quarter over quarter, YTD, QTD and MTD type of analysis.

TECHNICAL SKILLS:

Database Tools:	SQL Server 2008/2008R2/ 2012,2014,2016
BI Tools:	Tableau, QlikView, SQL Server Management Studio
O/S:	Windows XP, Windows 7, Windows 10
Other Tools:	Basic Python 3.8

EDUCATION:

- B. Tech from Anna University, TamilNadu.

PROFESSIONAL EXPERIENCE

- Currently working as Consultant in Infogain India Pvt. Ltd. From May 2020 – Till date.
- Worked as Tableau Developer in Infogain India Pvt. Ltd. From Feb 2017 – May 2020
- Worked as QlikView Developer in Infogain India Pvt. Ltd. From Feb 2015 – Jan 2018

PROJECTS UNDERTAKEN – NTUC SINGAPORE

Company profile:

NTUC FairPrice Co-Operative is a supermarket chain based in Singapore and the largest in the country. The company is a co-operative of the National Trades Union Congress. The group has 100 supermarkets across the island, with over 50 outlets of Cheers convenience stores island wide. NTUC Enterprise is a new holding co-operative set up by NTUC, Singapore Labor Foundation (SLF) and unions affiliated to both NTUC and SLF.

KEY PROJECTS WITH NTUC:

Project 1:

Client: NTUC FairPrice:

NTUC FairPrice has grown to become Singapore's largest retailer, with a network of more than 200 outlets comprising FairPrice supermarkets, FairPrice Finest, FairPrice Extra, FairPrice Xpress and Cheers convenience stores. NTUC FairPrice also owns a Fresh Food Distribution Centre and a centralized warehousing and distribution company.

Tools: MS-SQL Server 2008/2007, Tableau 9.0,9.2,9.3, Amazon Redshift

Role: Tableau developer

Roles and Responsibilities:

- Designed and developed Database and Web application to keep track of calls monitor to simplify process
- Import data from SQL Server for dashboard preparation in Tableau
- Data preparation for reports & dashboards as required using Custom SQLs in Tableau
- Prepare summary level dashboard & supporting detail dashboards
- Different types of charts to showcase data in best possible ways
- Use Filters & Parameters for appropriate selection to represent data for different scenarios
- Deploying rich graphical visualizations in dashboards to create effective views of data such as:
- Line Charts, Bar Charts, Pie Charts, Scatter Plots, Histograms, Tree Maps, Heat Maps, Area Charts, Gantt Charts, Bullet Graphs in Tableau Desktop
- Implementing advanced Tableau features such as parameters, table calculations, sets, groups, user filters to deliver highly usable dashboards
- Highlighting views by using Annotations (Points, Marks, Area, etc.) wherever required
- Creating different KPIs using calculated key figures and parameters
- Creating Tableau Dashboards with interactive views, trends and drill downs along with user level security.
- Rendering production support to Tableau users & writing custom SQL to support business requirements.

Project 2:

Client: NTUC First Campus:

NTUC First Campus can deliver its social mission through its network of My First Skool centers, Little Skool House centers, and The Caterpillars Cove. NTUC First Campus also supports the development of the early childhood education sector by providing professional development and job opportunities.

Tools: Tableau 9.0,9.2,9.3, Amazon Redshift

Role: Tableau developer

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Roles and Responsibilities:

- Representing data using the Cross Tabs, Scatter Plots, Geographic Maps, Pie Charts and Bar Charts, Heat Maps, Tree Maps.
- Use groups, bins, hierarchies, sorts, sets and filters to create focused and effective visualizations.
- Use Trend Lines, Reference Lines and statistical techniques to describe the data.
- Build advanced chart types and visualizations such as Waterfall Charts, Pareto Chart and Donut Chart.
- Developed dashboards using multiple data sources to display data in a single chart/table using data blending feature.
- Responsible for requirement gathering and initial feasibility check.
- Designed, developed and implemented Tableau Business Intelligence reports.
- Responsible for dashboard design, layout, reporting, look and feel and development.
- Given user level permissions to dashboards while publishing the dashboards.
- Scheduled the extract refresh in tableau server.
- Created KPI's, Parameters and Sets, LOD's, Calculations to achieve the client requirement.

Project 3:

Client: NTUC Learning Hub:

Tools: Tableau 9.0,9.2,9.3, Amazon Redshift

Role: Tableau developer

Roles and Responsibilities:

- Gathering the requirements and coordinating with clients resolving the queries.
- Designed and developed various analytical reports and dashboards from multiple data sources at Tableau Desktop level
- Generated Context filters and used performance actions while handling huge volume of data.
- Experience in optimization of dashboards by reducing the size and improving the performance.
- Expertise in creating Hierarchies for providing drill down option for the end user.
- used advance chart visualizations in Tableau like Box Plots, Bullet Graphs, Tree maps, Bubble Charts, Water Fall charts, funnel charts etc.,
- Restricted data for users using Row level security and user security.
- Worked on tableau server level to assign appropriate site roles to the users.
- Involved on unit testing's and improving Report performance tuning at tableau desktop level.

Project 4:

Client: NTUC Health:

Tools: Tableau 9.0,9.2,9.3, Amazon Redshift

Role: Tableau developer

Roles and Responsibilities:

- Working with cross functional teams in analyzing, modifying and importing the data
- Preparing Dashboards using table level calculations, parameters, calculated fields, groups, sets and hierarchies in Tableau.
- Using and comparing Multiple Measures like Individual Axes, Blended Axes, and Dual Axes.

- Analyzing drug utilization rate by area/region, city, code.
- Tracking the performance of sales representatives with respective KPI's
- Used Sheet filters to produce multiple chart types in a single view.
- Creating users, groups, projects, Data connections, settings as a tableau administrator.
- Involved in creating dashboards and reports in Tableau and Maintaining server activities, user activity, and customized views on Server Analysis.
- Created organized, customized analysis and visualized projects and dashboards to present to Senior Level
- Analyzed user and business requirements attended periodic meetings for changes in the application requirements and documents.
- Created rich dashboards using Tableau Dashboard and prepared user stories to create compelling dashboards to deliver actionable insights.

PROJECTS UNDERTAKEN – DIMENSION DATA

Company profile:

Dimension Data is a company specializing in information technology services. The company maintains operations on every inhabited continent. Dimension Data focuses on services including IT consulting, technical and support services, and managed services.

Tools: Oracle 10g/9i, Ms-Excel, Qlikview/Tableau, Microsoft SQL Server 2008

Role: Tableau/ Qlikview developer

Responsibilities:

- Developed a Tableau and QlikView application which involves the important KPI's related to their financial services. In this POC, implemented various features and functionalities of Tableau.
- Provided with an Excel Files as a Data source for this POC. Some of the analysis covered in this POC are calculating YOY Growth and Revenue, PBIT, Gross Margin, Gross Profit and Bookings with respect to Quarter-Year as the Dimensions. Created five charts based on the client's requirement.

PROJECTS UNDERTAKEN – INFOGAIN INDIA PVT. LTD.

Company Profile:

Infogain is a software company with platform engineering and deep domain expertise in the travel, retail, insurance and high technology industries. We accelerate the delivery of digital customer engagement systems using digital technologies such as cloud, microservices, robotic process automation and artificial intelligence to our clients.

Project 1: Summary:

Developed a dashboard for Finance team (MIS dashboard) as per the requirement.

- Visualization depicts Financial Trend Month-wise/Quarter-wise.
- SBU wise Trend.
- Salesman wise Project Margin.
- Utilization.
- Liquidity.
- Blended Rate.

Client: Infogain - Internal Project.

Tools: Oracle 11, QlikView 11.2, Ms-Excel files.

Role: Qlikview developer

Responsibilities:

- Designed, developed, implemented, and supported QlikView dashboards. Integrated data sources and databases with QlikView and designed and developed data models and backend queries for presenting data.
- Analyzed underlying data for potential discrepancies, investigate errors, and perform data cleanup.
- Interacted with end-users to collect requirements and acquire the necessary domain knowledge to become a subject matter expert. Trained and provided support to end users.
- Performed analysis, documentation, for calculation for various attributes.
- Worked on QlikView Server and Publisher, to manage user access, schedule refreshing of documents, mount completed applications.
- Created different types of sheet objects like List boxes, Buttons, Multibox.
- Responsible for training and giving guidance to team for development and maintenance of the above system and reports.
- Responsible for analyzing data reports to find system bugs, data integrity issues and process issues.
- Responsible for streamlining reporting system using an Oracle database with ODBC connection

Project 2:

Developed a dashboard for HR team (Human Resource Information System dashboard) as per the requirement.

- Visualization depicts voluntary or involuntary loss of an employee, within the organization.
- Headcount Analysis.
- YTD Attrition/Headcount.
- Reason for leaving.
- Employee exists by category.

Client: Infogain - Internal Project.

Tools : Oracle 9i, QlikView, Ms-Excel files, flat files

Role: Qlikview developer

Roles and Responsibilities:

- Creating QVD's and Scheduled jobs for QVD extracts and report loads.
- Well versed with Qlikview Schemas like Star and Snowflake Schemas and loading techniques Incremental, Buffer, Preceding, and Binary loads.
- Implemented security using Section Access to restrict unauthorized access in the dashboards depends upon user privileges.
- Used Section access, set analysis, access point to provide customized functionality in Qlik.
- End to end implementation of BI projects especially in creating KPI's, reports and dashboards.
- Developed Dashboards using different Qlikview Objects Line Chart, Bar Chart, Gauge Chart, Pie Chart, List box, Multi box, Table Box, Container etc.

Thanks & Regards
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