# **Pragya Shrestha**

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* IT professional having 6+ years experience as a Tableau Developer. Experience working in the field of business intelligence, reporting and dashboard development using Tableau.
* Good knowledge in Tableau Desktop, Tableau Reader and Tableau Server in various versions 10/9.2/8.3/7
* Played a key role in strategic decision making by providing Business Intelligence support using Tableau for implementing effective business dashboards and visualization of data
* Proficient in design and development of various dashboards, reports utilizing advanced Tableau visualization like Tree maps, Scatter plots, geographic visualization and making use of actions, local and global filters according to the end user requirement.
* Extensive experience in Tableau desktop creating highly interactive Data visualization reports and dashboards using Data Blending, Extracts, Calculation Fields, LOD, Filters, Actions, Parameters, Context Filters, Sets, Groups, Aggregate measures, page Trials etc.
* Experience in identifying KPIs and facilitate optimized strategic planning.
* Strong experience in RDBS technologies like MS SQL Server/Oracle
* Experienced in writing complex SQL queries involving various tables using SQL joins and writing sub queries
* Used effective technical and communication skills to interact with team and win projects with clients.
* Interacted with IT and business teams at various levels and coordinated meetings through different levels of project.
* Well versed with excel data manipulation including vlookups, Pivot tables.
* Played a techno-functional role to understand requirements, documentation as well as implementing projects on the technical side.
* Strong experience in communicating with management to understand detailed requirements and deliver the solution adhering to the deadlines.
* Strong analytical, problem solving and initiative skills.
* Committed team player with excellent communication skills and thorough understanding to bridge the gap between tech and management.
* Worked directly with Business User and Client for understanding business needs.
* Very Good communication and analytical skills.
* Contributed to the success of Project at all levels including Design, Development, Testing, Implementation and Support.

**Technical Skills:**

Methodologies: Agile, Agile Scrum, Waterfall   
BI Tools: Tableau Desktop, Tableau Server, Tableau Reader, Tableau Public  
ETL Tools: MS SQL Server Integration Services   
RDBMS: Oracle, Ms SQL Server  
Scripting Languages: SQL  
Applications: Microsoft Office  
Operating Systems: Windows, UNIX/Linux

**E-Bay  Mar 2016 to Present**

**Tableau Developer**

**Austin, TX**

E-Bay is a multinational e-commerce corporation. The company offers online auction and shopping in which people and businesses buy and sell a broad variety of goods and services worldwide. The project mainly consisted of creating Tableau dashboards analyzing product, geography, customer segment and distribution channels data. In this project data was sourced from Excel and Ms SQL based on the business requirements. I utilized tableau for extraction and transformation of datasets from various sources and made it presentable to each department for easy visualization by creating views and dashboards.

**Responsibilities:**

* Gathered Business Requirements, Interacted with the Users, Project Manager and SMEs to get a better understanding of the Business Processes.
* Collaborate with end users, project stakeholders and support partners to identify needs, goals, and business models.
* Prepared Business Requirement document and then converted business requirements into technical designs.
* Translating the business questions and business requirements to actual and final dashboard technical requirements.
* Creating Tableau scorecards, dashboards, Heat maps using show me functionality.
* Created action filters, parameters and calculated sets for preparing dashboards and reports in Tableau.
* Publishing reports and dashboards to Tableau server.
* Built complex calculations using advanced functions (IFs, CASE, OR, NOT, AND, SUMIF, COUNTIF, LOOKUPs and QUICK TABLE calculations)
* Creating visualization with complex data using multiple measures and charts along with sort, Filter, group, Create Set functionality.
* Built dashboards using URL's, Hyperlinks, Filters for developing Complex dashboards.
* Developing parameter and dimension based reports, drill-down reports, matrix reports, charts, and Tabular reports using Tableau Desktop.
* Creating Aggregations, calculated Fields, Quick table calculations, Totals, percentages using Key Performance Indicators (KPI) and Measures.
* Designing report mock ups, proto types for the end dashboards and interacting with stakeholders for report change request and sign-off on the requirements.
* Extracting, transforming, analyzing, visualizing, and presenting data from diverse business areas in novel and insightful ways to enable business executives to take informed action and decision.
* Implemented the various Tableau functions, Tableau extracts, parameters, conditional formatting, color coding to the dashboards and reports in Tableau Desktop.
* Designed and developed various analytical reports from multiple data sources by blending data on a single worksheet in Tableau Desktop.
* Effectively used data blending, filters, actions, Hierarchies feature in Tableau.
* Involved in creating database objects like tables, views, procedures, triggers, functions using T-SQL to provide definition, structure and to maintain data efficiently.
* Good SQL reporting skills with the ability to create SQL views and write SQL queries.
* Publishing data sources and dashboards from Tableau desktop to the tableau server with the user management, security, content restriction, authentication and authorization

**Environment:** Tableau 10/9.2, Windows 2012, MS SQL Server 2012

**Progressive Insurance  May 2014 to Feb 2016**

**Data Analyst**

**Mayfield, OH**

The Progressive Corporation is one of the largest providers of car insurance in the United States. The company also insures motorcycles, boats, RVs and commercial vehicles, and provides home insurance through select companies. The project was to analyze sales performance in terms of policy sales, no. of quotes vs no. of policies, conversion rate etc.

**Responsibilities**:

* Interacted with Subject Matter Experts, End Users and gathered business requirements.
* Created Rich dashboards using Tableau and prepared user stories to deliver actionable insights.
* Acted as liaison between Business Intelligence and Business User groups to relay change requests.
* Created Heat Map showing sales data by color that were broken into regions allowing business user to understand sales pattern (least vs. highest) in various regions.
* Generated guided navigation links for Interactive dashboards in Tableau.
* Utilized advance features of Tableau software like to link data from different connections together on one dashboard and to filter data in multiple views at once.
* Designed and developed various analytical reports from multiple data sources by blending data on a single worksheet in Tableau Desktop.
* Developed metrics, attributes, filters, reports, dashboards and created advanced chart types, visualizations and complex calculations to manipulate the data.
* Generated Database Objects like Stored Procedures, Triggers, Functions, Indexes, Views and Constraints.

**Environment:** Tableau Desktop 9.x/8.x, MS SQL Server, SSRS, MS Visual Studio

**Staple Inc  Jan 2012 to April 2014**

**Tableau Developer**

**Framingham, MA**

Staples, Inc. is a large United States-based office supply chain store, with over 1,500 stores in North America. The project was to develop various reports to view key performance indicators like YOY sales, product wise sales, revenue growth, etc.

**Responsibilities:**

* Involved in creating dashboards by extracting data from different sources
* Created dashboard using parameters, sets, groups and calculations
* Involved in creating interactive dashboard and applied actions (filter, highlight and URL) to dashboard
* Involved in creating calculated fields, mapping and hierarchies
* Created drill through reports in dashboard
* Involved in creating data blending in case of merging different sources
* Involved in creating a dual-axis bar chart with multiple measures
* Involved in extraction, transformation and loading of data directly from different source systems like flat files, Excel, Oracle and SQL Server
* Created dashboards displaying sales, variance of sales between planned and actual values.
* Implemented calculations and parameters wherever needed.
* Published dashboards to Tableau server.
* Involved in creating complex Stored Procedures, triggers, tables, and views and other SQL joins and statements for applications

**Environment**: Tableau Desktop v7/v6, Windows, Excel, MS SQL Server

**Barclays Capital   May 2011 to Dec 2011**

**Tableau Developer**

**San Francisco, CA**

**Responsibilities:**

* Gathering requirements, analyzing, designed software solution based on the requirements.
* Building, publishing customized interactive reports and dashboards
* Extensive use of data blending, filters, parameters, sets, groups etc., with best practices
* Executed and tested required queries and reports before publishing
* Analyzed requirements for various reports, dashboards, scorecards and created proof of concept / prototype the same using Tableau desktop
* Mentored business power users to create reports/dashboards using tableau desktop
* Designed and developed various analytical reports from multiple data sources by blending data on a single worksheet in Tableau Desktop
* Utilized advance features of Tableau software like to link data from different connections together on one dashboard and to filter data in multiple views at once
* Created Prompts, customized Calculations, Conditions and Filter (Local, Global), Parameters, Groups and sets for various analytical reports and dashboards
* Extensively used analytical features in Tableau like Statistical functions and calculations, trend lines, forecasting etc. in many tableau reports

**Environment**: Tableau Desktop v8, Oracle, Excel.

**Education:**

Masters of Business Studies