ANKUR VARSHNEY

Creative Problem Solver Specializing in Data Visualization and Data Analysis

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EXPERIENCE

Employer: **Tata Consultancy Services (Noida)**

IT Analyst | Oct 2015 – Current

TOOLS & TECHNOLOGIES

Development Tools	Tableau Desktop, Tableau PREP Builder, Power BI, SQL, PostgreSQL, PGAdmin, DBeaver, MS Office, Python, Rally Agile
Web Technologies	CSS3, HTML5, CMS and LMS (Drupal and Moodle)
SDLC Methodology	Agile, Waterfall
Domain Experience	Banking and Financial Services, Retail, Supply Chain Management, Aviation

EXPERIENCE SUMMARY

- **Tata Consultancy Services (Oct 2015 - Present)**
  - Software professional with **5 years** of experience in **Tableau**, **Tableau PREP**, ETL in **Talend** data integration, **Greenplum** and **Oracle** databases.
  - Strong expertise in front-end tableau development following agile methodology, designing and implementing visualization dashboard solutions for business requirements.
  - **Interact with business** to determine and document new functional requirements, provide functional and analytical solution in different roles on small/medium sized projects from leading the team, data modelling and development.
  - Savings of **USD 50k** for client GE Power achieving time and effort reduction by developing an automated Tableau dashboard for Golden records eliminating manual efforts in generating report by 95% by automating the process and reduction in time required to do the process by 90%.
  - **Business Intelligence** – **Knowledge of Data Visualization projects** (complete life cycle), Business Requirement Documentation, Process Ownership (design & improvement)
  - Prepared the technical documentation and mapping design documents for the Development that we receive from Client and End User's.
  - Possess **interpersonal** and **team management** skills as one of the key resources of the team.
  - Dedicated individual: achieving a reputation for consistently delivering beyond expectations.

PROJECT DETAILS

Current Project: **Oct 2019- Till date (Mumbai, Noida)**

Data Governance: Master Data Management

Environment- Tableau Desktop (2020.2), Tableau PREP Builder, GPDB, Aurora DB, Microsoft Excel

An interactive visualization tool created to highlight the defects of legacy system migration to AWS cloud using data quality check rules and validations. Responsible for defining the defect rules, executing the rule statements and developing interactive validation reports.

Role & Responsibilities

- Analyzing the business requirement of the client and converting it to business rule.
- Manipulating data coming from different ERP's and transforming it to valuable data by developing functions for business rules.
- Migration of Tableau data sources and dashboards from GPDB to Aurora.
- Developing dashboards using actions, parameter, sets, groups, calculated field etc.
- Using different charts like **Bar**, **Gantt**, **Dual axis** and **Layered maps** for developing worksheets.
- Using **Tabpy** to **integrate Tableau** with **Python** and used **Python scripts directly in Tableau Prep**.
- Implementing **row level security** to restrict the data access to specific users.
- Publishing and scheduling the workbook on tableau server.
- Preparing and maintain AWS migration tracker on Rally Agile.

#1: <u>CAS Compliance Assessment Dashboards</u>　　　　**March 2020 – Oct 2020 (Mumbai)**

Environment: Tableau Desktop (2019.3), Tableau PREP, Python, GPDB, Aurora DB, Microsoft Excel

Developed an interactive solution that offers a complete overview of compliance initiatives in an easy-to-use, monitor production events in real time.

Role & Responsibilities

- Gathering client requirement, analyzing and interpreting data sets.
- Used **dedupe** library to process the data. Data was processed using python code and o/p was written back to the Data lake.
- Design and develop rich graphic visualizations with drill down functionality in Tableau using various reporting objects like **Parameters**, **hierarchies**, **calculated fields**, **sets** and **groups**.
- Publishing the connection to Tableau Server and managing the security. Automating the report refresh schedule and subscribe users for auto mailers.
- Working with the Data Ops team for **production deployments** related tasks, collaborating with the support team for any job fix, production issues.

#2: <u>Supply Chain Management: Lead Time</u>　　　　**Sep 2018- Oct 2019(Mumbai)**

Environment: Tableau Desktop (10.5), Greenplum Database

Created dashboards for business users to **drill down** into the item, status of various items. It also gives the predicted completion time in the future for the items and helps in categorizing the delayed items at specific levels.

Role & Responsibilities

- Data manipulation using Talend.
- Modifying data connections using blend & joins and developing lead time reports.
- Locating and defining new process improvement opportunities.
- Process improvement/ Performance tuning: Improved dashboard load time by analyzing **Performance Summary** report. Changed the view, removed redundant filters/sheets.
- Performing **end to end delivery** of the packages and troubleshooting the problems faced in the UAT phase of testing the packages.

#3: <u>HR Analytics- First Abu Dhabi Bank</u>　　　　**Oct 2017- Aug 2018(Dubai, Abu Dhabi)**

Environment: Tableau Desktop (10.4), Microsoft excel, Adobe Captivate, Articulate 360

Liaising with users to understand different business processes of **Source Systems**, **Functional Requirement and existing issues**.
Designing report templates according to analysis.

Created Tableau Dashboards with interactive views, trends and drill downs along with user/row level security by **blending** multiple data sources.

Used **LOD expressions (FIXED and INCLUDE)** to achieve few of desired results.

Use of **custom shapes** and **color** in tableau. Used **Parameters** and calculated fields to allow user to **dynamically change the fields**.

Used **Action filters** to allow user to filter the data using workbook sheets and used **URL action** for navigation to different dashboard.

EDUCATION

QUALIFICATION	UNIVERSITY/ Board	INSTITUTE	YEAR	MARKS
BTech. (Electronics & Communications)	UPTU, Noida	Krishna Institute of Engineering and Technology, Ghaziabad	2015	76.46%
10+2	CBSE	Heritage International School, Aligarh	2010	82.4%
10th	CBSE	Zakir Husain Model Senior Secondary School, Aligarh	2008	82%

ACHIEVEMENTS

- **Tableau Desktop Specialist Certification** (https://www.youracclaim.com/badges/8b4cf46b-6e39-4c43-892a-04029d3d57dc/public_url)
- **Tableau Data Scientist Badge** (https://www.youracclaim.com/badges/be2d8154-0f59-48db-a8b3-75a8da9e401f/linked_in_profile)
- TCS - On the Spot Award
- Special Achievement Award for Agile Initiative
- Best Performer of the Month Award

HOBBIES

- Numismatics
- Trekking
- Swimming

DECLARATION

I hereby affirm that the above information given by me is true to the best of my knowledge and belief. I will solely be responsible for any discrepancy found in them.

Ankur Varshney