

PROFESSIONAL SUMMARY

- 9+ years of industrial experience with 3 years in Tableau reporting and administration
- 3+ years of experience with the programming languages: Excel VBA, Perl & Python
- Expert in Advanced Microsoft Excel & Pivot Tables
- Expertise in writing & executing SQL queries to extract and review large data sets
- Extensive reporting and dash boarding experience with Tableau
- Hands on experience in RPA tools (UI Path & Automation Anywhere)
- Quick interpretation of business needs and objectives for the development of analysis strategies
- Expertise in identifying hidden patterns in data
- Planning and Managing of data gathering and enrichment activities
- Data Visualization and Reporting
- Has excellent communication, interpersonal & project management skills with good attention to details
- Interacting with multiple discipline teams for smooth projects execution

TECHNICAL SKILLS

- Scripting Languages : Python, Pandas, Perl & Excel VBA
- DBMS Tools : MySQL
- Data Visualization Tools : Tableau Desktop, Tableau Server
- RPA Tools : UI Path & Automation Anywhere

PROFESSIONAL EXPERIENCE

- Technical Lead, Cyient Ltd. Jan 2017 - Present
- Structure Analysis Engineer, Textron India Pvt Ltd. June 2016 – Jan 2017
- Design Engineer, Cyient Ltd. Feb 2014 – Dec 2015
- Engineer – Design, BE Engineering Services India Pvt Ltd. June 2011 – Jan 2014
- Project Trainee, BHEL R&D Sep 2010 – April 2011

EDUCATIONAL QUALIFICATION

- M. Tech in Mechanical Engineering with 7.93 CGPA, Karunya University, Coimbatore – 2011
- B. Tech in Mechanical Engineering, Vignan Institute of Technology & Science, JNTU, Hyderabad – 2009

CERTIFICATIONS

- Certified in Principles of Machine Learning – Python Edition by Microsoft, Dec 2019
- Certified Silver in Artificial Intelligence (AI) Foundation (course aligned to SSC NASSCOM AI Foundation Curriculum) by future skills, July 2020

ACCOMPLISHMENTS

- *Data Mining and Modelling:* Collected, cleansed and provided modelling and analyses of structured and unstructured data used for multiple engine programs & multiple vendors across the globe
 - ✓ Helped in addressing some recurrent issues in manufacturing processes resulting in \$2M savings/engine
 - ✓ Made as a global database
- *Dashboards:* Created visually impactful dashboards in Excel and Tableau for data reporting by using pivot tables and VLOOKUP. Extracted, interpreted and analyzed data to identify key metrics and transform raw data into meaningful, actionable information.
- *Tableau Environment Setup:* Installation & configuration of Tableau server at organization level

Following are some key projects handled during my career

- Identification of recurrent defects occurred due to manufacturing processes on aero engine parts
- Data analysis of manufacturing techniques used by multiple vendors & various engine parts
- Creation of Daily dashboard template using Tableau
- Setup of Tableau Server environment for organization

PROJECT DETAILS (Responsibilities Handled)

Identification of recurrent defects occurred due to manufacturing processes on aero engine parts

- Cleaning of data using customized perl/ excel vba scripting and analyzing with Tableau reports
- Created reports and views for quick interpretation of results by adding filters and actions in Tableau
- Participated in group meetings, reviews and communicating with necessary stake holders and business groups
- Created interactive dashboards which are being used by leadership team

Data analysis of manufacturing techniques used by multiple vendors across various engine programs

- Gathered information from various manufacturing units and integrated multiple data sources into one visualization to tell a story
- Cleaning of data using customized perl/ excel vba scripting and analyzing with Tableau reports
- Used various marks, table functions, calculated fields, parameters and actions to act as a data source
- Created reports and views by making use of functions, tab reports & actions
- Created views with customized filters and actions and published them for further data analysis within internal team

Creation of Daily dashboard template using Tableau

- Designed and developed various analytical reports by blending data on a single worksheet in Tableau Desktop
- Developed story telling dashboards in Tableau Desktop and published them on to Tableau server
- Created views in Tableau Desktop that were published to internal team for review and further data analysis
- Assigned permissions to different line of Businesses and Users
- Responsible for the performance of Tableau Dashboards on the web

Setup of Tableau Server Environment for Organization

- Responsible for Tableau Server Administrative functions, installations, configuration and license & user management
- Configure Tableau server processes to maximize the server performance
- Establish and deploy Tableau Server Architecture to support redundancy and scalability
- Provided infrastructure sizing, including hardware and software requirements
- Monitor server activity/usage statistics to identify possible performance issues/enhancements
- Perform maintenance activities like archiving log files and disk cleanup on Tableau server at regular intervals