**Chaitanya Nandurkar**

Summary

* Experienced Data Analyst, with expertise in Data Analysis, Business Intelligence Solutions, Data Quality Analysis, Data Profiling, MDM, Database development, Data Integration. Experience working with a variety of complex data from domains such as Finance, Banking, Anti Money Laundering, Logistics, Risk Management, digital marketing etc.
* Hands on experience in Data Warehouse/Analytics product development experience covering all phases of SDLC including using both Agile and Waterfall Methodology.
* Experience in ETL development, Business Intelligence, dashboard reporting solutions, star and snowflake schemas, LDM design and application integration. Highly experienced in various aspects of Enterprise Data Management (EDM), Data Cleansing and Data Profiling. Experienced in migration and conversion of data to/from various data sources.
* Experience in database design, logical and physical modelling, writing stored procedures, triggers, views, functions in Oracle, MS SQL Server, MySQL, SQL, T-SQL and PL/SQL. Highly skilled in database Performance & Tuning and Optimization Techniques.
* Extensive experience including applications development, operations and technical support. Software Development Life Cycle (SDLC) experience including Requirements, Specifications Analysis/Design and Testing as per the Software Development Life Cycle.
* Experience in finance, banking, market research, Risk Management & Assessment, Payment Processing Gateway, logistics, Healthcare, digital marketing domains.

Diverse experience in Information Technology with focus on Business Analysis, Business Modeling, Requirement Gathering, Documenting Requirements (BRDs/FRDs/Use Cases), and Software Validation.

Expertise in broad range of technologies, including business process tools such as Microsoft Project, MS Excel, MS Access, MS Visio, technical assessment tools, Data Warehousing concepts and web design and development.

Experience in conducting User Acceptance Testing (UAT) and documentation of Test Cases.

Highly motivated team player with excellent Interpersonal and Customer Relational Skills, Proven Communication, Organizational, Analytical, Presentation Skills, and Leadership Qualities.

TECHNICAL SKILL

* **BI Tools:** Tableau, Power BI, SSAS, SSRS, QlikView, Business Objects, Crystal Reports, SQL Server Integration Services (SSIS)
* **Databases**: Oracle 10g/11g, MS SQL Server 2005/2008/2012, Azure SQL, IBM DB2, , My SQL, MS Access,
* **Tools**: Informatica MDM, Embarcadero DB Artisan, Rapid SQL, Power Builder, Oracle Forms & Reports, Sybase Open Client, SQL\*Loader, SQL\* Plus, Erwin, ER Studio, Power Designer, Visual Source Safe, MS Office, MS Project, Visio, Netbeans, Visual Studio, Pentaho
* **Languages**: SQL, PL/SQL, TSQL, Transact SQL, SAS, VBA, VB Script, VB 5.x/6.x, Excel Macros, HTML, Python, R, SAS
* **Operating Systems**: Linux, Windows Azure, Windows NT, HP-UX, UNIX, MS DOS, Mac OS X

SDLC Methodologies: Agile-SCRUM, Waterfall, Spiral

Project Management: MS Project, MS Visio, MS Word, MS Excel, MS Access, MS PowerPoint

* **Statistics**: Linear and Logistic Regression, Hypothesis testing, ANOVA, F-Test, T-Test, Classification, Clustering
* **Machine Learning**: Decision Tree, Random Forest, K-means Clustering, PCA, KNN, Gradient Descent, AdaBoost Classifier

Education

M.S. in Management Information Systems, The University of Texas at Dallas

M.S. in Business Administration, Bangalore University, India B.S. in Accounting, Pune University, India

Professional Experience

**Organization** – Verizon Wireless, Dallas, TX

**Project Duration** – Jun 2018 – Present

**Role** –Data Analyst

**Environment**- MS SQL Server 2017, T-SQL, Tableau 10.x, Tableau Server, SSIS, Python, Excel, VBA

**Responsibilities** –

* Extracted data from **HDFS** and prepared data for exploratory analysis using data munging
* Participated in all phases of **data mining, data cleaning, data collection, developing models, validation, visualization, and performed Gap analysis.**
* Worked on different data formats such as **JSON, XML** and performed **machine learning algorithms in Python**.
* Implemented Agile Methodology for building an internal application.
* Programmed a utility in Python that used multiple packages **(numpy, scipy, pandas, seaborn, matplotlib)**
* Implemented Classification using supervised algorithms like **Logistic Regression, Decision trees, Naive Bayes, KNN.**
* As Architect delivered various complex OLAPdatabases/cubes, scorecards, dashboards and reports.
* Updated Python scripts to match training data with SQL Server databases.
* Data transformation from various resources, data organization, features extraction from raw and stored.
* Creation of multiple SSIS packages to import data from various systems, and perform transformations on them to make it suitable for consumption downstream.
* Created multiple SQL scripts, stored procedures, functions etc to extract and process the data from data sources and transform them to bring it into the right state.
* Analyzed of data in multiple data sources and a performed a thorough data quality analysis and profiling to identify anomalies and inadequacies in the data.
* Performed standardization, enrichment, scrubbing and cleansing of the data to homogenized them and bring them into a consumable format.
* Used Tableau to extract data from external sources, on premise and also on Azure cloud, and modified the data to certain format as required for consumption in the dashboards.
* Created multiple highly interactive reports and dashboards in Tableau, which enabled various users, managers and program heads to see the performance of various development programs and how the users responded to various publications.
* Created multiple measures to perform complex calculations to report key metrics and KPI’s on yammer, knowledge board and programs reports and dashboards.
* Created reports and dashboards with complex visualizations like bar charts, pie charts, line charts, maps, bubble charts, bullet charts, scatter plots, word cloud, Gantt charts, etc.
* Displayed various metrics like topics discussed, most downloaded publications, most read and liked pages, Organization types downloading the publications, reasons for downloads, total events, sessions, views etc.
* Created reports with data and metrics about various aspects of the development programs as wells as publications, which could be sliced and diced from various aspects and drilled down to multiple levels.
* Created reports with filters like last N days, Year and months to give users the flexibility of choosing the data segment as per their requirement.
* Created visualizations based on the key words that were mentioned in the feedbacks and the topics being discussed, to determine the trending words and topics.

**Organization** – USAA San Antonio, TX

**Project Duration** – Jan 2017 – May 2018

**Role** –Data Analyst

**Environment**- Python, MS SQL Server 2017, T-SQL, Visio, SSIS, Excel, VBA, MS Project, MS PowerPoint

**Responsibilities** –

* Successfully optimized codes in Python to solve variety of purposes in data mining and machine learning.
* Used Python to develop ARIMA model using sklearn
* Replacement of missing data and perform proper EDA to understand time series data
* Check existence of trend and seasonality in the data.
* Improvise model to achieve best accuracy
* Automate regression testing using Python.
* Acquire data from primary or secondary data sources to maintain databases/data systems.
* Worked with relational databases and developed SQL queries to interact with Databases.
* Created database objects like Procedures, Functions, Triggers, Indexes and Views using SQL in Development and Production environment for SQL Server.
* Utilized MS Visio diagrams to design data process flows with the development team, and use SQL to develop checks on data profiling, data validation, trending, baseline, data standards, and data cleansing.
* Wrote SQL queries to validate source data versus data in the data warehouse including identification of duplicate records.
* Performed Data analysis and Data Profiling to understand the user requirement and work with ETL tech leads to load the data to tables and creating view to provide the data to business.
* Involved in Data Flow/Business Process Diagrams to illustrate the flow, input and output of data.
* Analyzed changes and identify areas of the application to be regression tested.
* Analyzed system’s functional requirements and break them down into test requirements/test objectives and test conditions using techniques like state transition diagrams, decision tables, functional analysis etc.
* Created Source to target Mapping (STTM) and performed data mapping to map the ETL process for the creation of data marts.
* Analyzed business requirements to set rules for proper data transfer from Data Source to Data Target in Data Mapping for the Enterprise Data Warehouse (EDW).
* Meeting with various groups, including business owners, SMEs (subject matter experts) and marketing team, for requirements gathering in definition Stage.
* Create, demo and test User stories in Rally and Use HP ALM to track and record action items as mentioned by state.
* Creating Design session power points that were used in demo to the state.
* Conduct work simplification and measurement studies and prepare operations and procedures manuals to assist management in operating more efficiently and effectively. Includes program analysts and management consultants.
* Developed Process Model and detailed Business Policies.
* Created Test Plans. Thorough hands on experience with designing test cases covering all test conditions and eliminating redundancy and duplications.
* Interacted with business analysts, developers, technical support and help them to base line the requirement specifications.
* Thorough hand on experience with all levels of testing viz., Integration, Performance Regression, Sanity, Functional and System testing.

**Organization** – TCS, Bangalore

**Project Duration** – May 2014 – Jun 2016

**Role** –Data Analyst

**Environment**- Python, MS SQL Server 2017, T-SQL, Visio, SSIS, Excel, VBA, MS Project, MS PowerPoint

**Responsibilities** –

* Acquire data from primary or secondary data sources and maintain databases/data systems.
* Established new client data preparing them for entry into the new platform.
* Loaded data by converting a CSV file into the corresponding database tables.
* Work with management team to create a prioritized list of needs for each business segment.
* Generating the summary reports for identifying the key reasons for sales improving for various regions, which helps to management to take critical decisions Updating and presenting the reports to the customers
* Comparing the sales and Revenue impacts with previous month’s reports. It helps to take the right decisions to improve the business.
* Gathering sales data of different commodities, different region from database and preparing the data for analyzing based on requirement
* Ran diagnostic survey tool to measure and predict team performance.
* Extracted, compiled and analyzed data using Excel and Adobe to build reports and provide recommendations to clients to improve team performance.
* Generated ongoing reports of each active account as they are being consulted.
* Involved in client-facing activities where reports were presented to upper-management and to each team.
* Identify and address data quality problems by eliminating duplicates and standardizing data sets.
* Locate and define new process improvement opportunities.
* Used advanced Excel functions to generate spreadsheets and pivot tables.
* Performed daily data queries and prepared reports on daily, weekly, monthly, and quarterly basis.
* Advise client on system usage.
* Execute customized self-service client dashboards.
* Data cleaning and Imputing missing values based on the requirement.
* Grouping the data based on the requirement and performed summary statistics
* Interacted with business analysts, developers, technical support and help them to base line the requirement specifications.
* Thorough hand on experience with all levels of testing viz., Integration, Performance Regression, Sanity, Functional and System testing.