

Sravanthi Dande
kevin@bedatatech.com
+1 (847)-474-3361 Ext : 123

Professional Summary:

- Around 13+ years of IT experience with Business and Data Analysis and Data Visualization.
- Excellent communication, documentation, and presentation skills with clear understanding of business process flow and upskilled for new trends and methodologies.
- Strong analytical, problem-solving skills and proven ability to be an effective team player with excellent time management skills.
- Highly motivated with the ability to work effectively in teams as well as independently.
- Strong experience in gathering requirements from business/user, creating process flows and DFDs.
- Experience working in **Agile Scrum Software development**.
- In-depth knowledge in **Software Development Life Cycle (SDLC)** including Requirement Analysis, Design specification, and testing as per cycle in both waterfall and agile methodologies.
- Proficient experience as a Data Analyst in gathering data from different sources, data profiling, data definition and loading the data to business warehouse.
- Strong experience in Data Analysis, Data Migration, Data Cleansing, Transformation, Integration.
- Strong experience in technical languages like **Python, R, SQL and PLSQL**.
- Working experience in several Python modules like **Scikit-learn, NumPy, Pandas, Data Visualization** using **Matplotlib, Seaborn**, Object-Oriented Programming (**OOPS**) concepts, Exception Handling and Debugging.
- Strong knowledge on **Supervised and Unsupervised Machine Learning models and concepts**.
- Created various dashboards and reports using **Tableau Desktop** with a focus on user Interface and simple data consumption.
- Worked on several data sets from Kaggle notebook and published plenty of dashboards. (<https://public.tableau.com/app/profile/sravanthi.dande>)
- Created an **Rshiny** app for displaying different plots like scatter plot, scatter plot matrix, histogram and box plot depending on options selected by user. Also gained an experience in deploying Rshiny app in Heroku. Published the dashboards in github (<https://github.com/sravanthidande/R-Shiny>)
- Worked on creating lot of stories in Medium, which is easy-to-use and a great source of fantastic articles from various writers. Published all my stories in medium (<https://medium.com/@sravanthi.dande>)
- Ability to interact with business users and analyze business/functional requirements.

Technical Skills:

Capital One, Richmond	Programming Languages	Python, R, SQL & PL/SQL, C, UNIX
	Databases	Snowflake, MySQL, SQL Developer, Oracle 11g/10g/9i/8i
	Data Visualization	Tableau, XML Report Publisher, Oracle Forms & Reports 6i, Mark view MS Excel
	Tools, Packages & Libraries	Databricks, GitHub, Airflow, Jupiter Notebook, Tableau Desktop, Table Server, PyCharm Community Edition 2021.0.3, MySQL Developer, SQL Developer, Rshiny, R Studio, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, SQL*PLUS, SQL*Loader, PLSQL Developer, Oracle Workflo builder, Dollar Universe, Putty, WinSCP, SoapUI, Heroku
	Data Defects	HPE Service Now, Jira, Oracle TAR in Meta link
	Operating Systems	HP-UX, Windows2000/NT, Windows XP/Vista/7

Oct'22 – till date

Data Analyst

Responsibilities:

- Data Defect/ Enhancement/ Trouble shooting and identifying root cause and solutions/ Data acquisition/ Data extraction/ Data validation/ Data Visualization.
- Extensively wrote **SQL** queries (sub queries, join conditions and window functions) for Data Analysis and Data Extraction needs.
- Effectively involved in creating dags for automating data loading jobs and report generation using **Airflow**.
- Responsible for monitoring daily jobs in airflow at different intervals and in case of any failure, verifying the logs to find out the root cause and fixing it.
- Involved in developing the code for data extraction and data validation in **Python 3.9** using different modules like **NumPy**, **Pandas**, **panda SQL**, **SQL alchemy** for accessing specific functions.
- Analyzed different data sets from Cash and ATM streams and worked with the business partners for their domain expertise.
- Worked on developing the Python code in **Jupyter notebook** for testing the flow before creating a **Dag**, for understanding the data in different datasets, for uploading the data manually during Dag failures, for generating monthly reports using **data pre-processing** tasks like **merging**, sorting etc.
- Expertise in Data Extraction, Transforming and Loading (**ETL**) between Homogenous and Heterogeneous System using SQL Tools from different systems like Flat Files, **AWS S3** bucket, Snowflake, MS Excel, Comma Separated Values (CSV) Files and XML files.
- Used **Databricks** for extracting data from **Parquet** files and used Redash for extracting data from database tables and views.
- Analyzing the daily logs for each ATM to find out the number of cassettes per ATM, number of bills that went into reject cassette, cash out transactions vs cash in transactions, beginning and ending balance.
- Involved in discussions and development of new enhancements to the existing **Tableau** reports or creating new **Dashboards**, creating new production tables based on business requirements after testing in QA environment.
- Understanding **data dictionaries** and identifying different kinds of measures and dimensions in Tableau for creating dashboards.
- Used different plots in **Tableau** and created reports for showing daily transactions at denomination level across different ATM locations and different vendors.

- Created various Dashboards for **Data Visualization** of ATM transactions, vault level transactions across the years and settlement service tickets raised at ATM level for business presentations.
- Involved in monitoring the **S3 bucket** during off hours, to verify the data upload through the EFG route has been done successfully by the third-party vendor or not as part of the monitoring jobs.
- Participated in user meetings and gathered Business requirements & specifications.
- Involved in TREX events, where one of the regions is deactivated and moved to other region to validate the dags and create a backup plan if any failure occurs.
- Worked on the project using **Agile Methodology** and different project management tools like **JIRA**.
- Excellent communication, documentation, and presentation skills with clear understanding of business process flow.

Environment:

Snowflake, Python 3.9, Tableau, Databricks, Airflow, Atom Editor, AWS, GitHub, Jupiter Notebook, PyCharm Community Edition 2021.0.3, MS Excel and Google Sheets, Jira, AWS.

Pilot Travel Centers, Tennessee
Data Analyst

Jan'20 – Oct'22

Responsibilities:

- Data Defect/ Enhancement/ Change Request filing/ Trouble shooting and identifying solutions or recommendations/ User Acceptance Testing from Business Tools/ Data acquisition/ Data cleaning/ Data validation/ Data Visualization.
- Involved in developing the code for data extraction, data cleaning, and data validation in **Python 3.7** using Object Oriented Programming (**OOPs**) concepts and different modules like **NumPy, Pandas, Matplotlib, Scikit-learn** for accessing specific functions.
- Analyzed data sets from different streams and worked with the business partners for their domain expertise.
- Used Jupiter notebooks, MySQL to understand the gaps, outliers, missing values in the data and how the data is distributed throughout various systems.
- Involved in developing Python code in Jupiter notebook for data pre-processing tasks like **merging**, sorting, **data imputation**, data normalization.
- Involved in discussions and development of models using different ML algorithms like **Linear Regression, Logistic Regression, K-Nearest Neighbor (K-NN), Decision trees, Random Forest, SVM** for predicting the gas prices.
- Expertise in Data Extraction, Transforming and Loading (**ETL**) using SQL Tools from different systems like Oracle, Flat Files, SQL Server, MS Excel, and Comma Separated Values (CSV) Files.
- Performed Data Cleaning, features scaling, features engineering using pandas and NumPy packages in python, and build models using deep learning frameworks. Used AWS for the data transformation, validate and data cleansing.
- Used different plots in **Tableau** like pie chart, stacked bars, maps and horizontal bars and created reports and Dashboards for **Data Visualization** for business presentations.
- Effectively participated in developing project designs and data flow diagrams using **Draw.io** for presentations.

Environment:

Python, PyCharm Community Edition 2021.0.3, Jupiter Notebook, MySQL, Tableau Desktop, GitHub, MS Excel, Jira, Draw.io, Windows XP, AWS.

**State Farm, Arizona
Data Analyst****May' 16 – Mar' 18****Responsibilities:**

- Worked on different datasets related to customer insurance details and documented all the inferences gathered from different date sets with expertise from SME's (Subject Matter Experts).
- Worked on **Python** code for data extraction, data cleaning, and data validation by using **OOPS** concepts.
- Attended weekly calls for providing an insight to the team and business on the status of the code.
- Analyzing different file formats of large data and categorizing the data values into numeric or categorical.
- Enforced naming standards and **data dictionary** for data models.
- Developed data migration and data validation **SQL** Scripts from different data streams.
- Performed several **data validations** for different data types using membership and identity operators and handled all the edge cases.
- Maintained the data base and data model for any further requirements and changes or redesigning and extending the data model for any further enhancements.
- Achieved the concepts of data reusability and easy accessibility by using compatible file types to save the data.
- Worked along with Data Scientist's team and involved in discussions on building a **Machine Learning** model
- Building, customizing, and publishing interactive reports and dashboards using **Tableau** Desktop and Tableau Server.
- Coordinated with team and scheduled meetings for discussing further enhancements or changes in the data and participated in user meetings and gathered Business requirements & specifications.

Environment:

Python, PyCharm, Jupiter Notebook, SQL Developer, Tableau Desktop, GitHub, MS Excel, HPE Service Manager, Service Now, Draw.io, Windows XP.

**Autotrader.Com, Atlanta
Application Data Engineer****Jul'12-Feb'14****Responsibilities:**

- Solved issues related to products in all the applications like Fastlane, Dealer Site, Consumer Site, Kelly Blue Book (KBB) site and Autotrader.com.

- Worked on the different schema tables in the database for analyzing the issues and performing **DML** statements in **SQL** for resolving the product or feature issues in different UI applications.
- Analyzed the issues related to Order Manager in Fastlane and Spotlights in Dealer site and resolved them by performing **update/insert/delete**.
- Raised defects in quality center and problem tickets in service now for solving the issues which need code fix or data fix by providing all the required trouble shooting information for replicating defects to concerned teams.
- Monitoring my team's unassigned Service Now ticket queue and proactively solving them within SLA's.
- Monitoring production servers and deep diving into the server logs for finding the root cause of the issues in all the applications.
- Restarting/stopping the servers if required.
- Proactively finding workaround solution for issues in production applications and performing the tasks regularly to avoid user impact.
- Involved in On-Call meetings and calls from EOC to address issues in production servers or applications.
- Responding to the alerts or escalations sent to our distribution list and performed required actions, which might include decreasing server data heap size, troubleshooting database tables or replicating issues in applications and searching for errors in server, access, or checking error logs to find the root cause of the issues.

Environment:

PLSQL Developer, Putty, WinSCP, SoapUI, HPE Service Now, Oracle Meta link.

General Electric (GE), Hyderabad
Oracle Apps Data Engineer

Aug'10-Jan'12

Responsibilities:

- Designed and developed XML Publisher Reports in various Oracle modules based on the business requirements.
- Handled all the issues logged by the users in production. Analyzing the root cause of the problem and providing the solutions based on the SLA guidelines.
- Managing the Interface between Oracle AP and 170 Markview Systems.
- Good knowledge of Functional Multi org architecture, O2C and P2P cycles.
- Worked on various enhancements on RICE Components which were used across different Oracle modules.
- Developing Concurrent Programs, request sets, request groups for the enhancements undertaken.
- Worked on form Personalization's on Oracle standard forms to meet the requirements of the business.
- Raising Oracle TAR (Technical Assistance Request) for issues pertaining to standard objects.
- Interaction with end user and functional team for the Service now ticket closures.

Environment:

Oracle EBS 11.5.10, ORACLE 9i(Back-end), SQL Plus, SQL * Plus, Developer 2000 (Forms & Reports 6i), Unix, HPE Service Now, Oracle Meta link.

Responsibilities:

- Monitoring and fixing issues related to Java workflow mailer which is crucial for sending email notifications to users as a part of standard workflow approval process.
- Handling all the user data and responsible for assigning or deleting different responsibilities based on user role to access any of the GE ENERGY Business applications, which include production, Development and SIT Instances.
- Strong knowledge in **SQL** and **PLSQL** languages.
- Coordinating and scheduling meetings with the application owners and getting approvals for executing the service now tickets and assigning roles to users for accessing the applications.
- Point of contact for **Dollar Universe**, a tool from **ORSYP**. Dollar Universe is an automation tool that brings intelligence to job scheduling, providing single point of control for centralized management.
- Raising **Oracle TAR** (Technical Assistance Request) when the issue is critical to get the assistance from Oracle.
- Super vision of daily alerts from \$U and assuring that users are receiving notifications regarding the status of the jobs.
- Involved in the System Administration Activities like Concurrent Programs, Value set, and Request group and Request Set creations.
- Creation of Value Sets in various Modules of the application.
- Defining Executable, Concurrent Programs.
- Configuring the java mailer and periodic inbox clean up as a part of maintenance activity.
- Form Personalization to restrict critical responsibilities from being granted to users without approval.
- Involving in non-production and production cutover.
- Scheduling and monitoring of concurrent programs related to Application maintenance, gather statistics of various schemas/tables in DB for various application modules, workflow tables maintenance/synchronization.
- Reporting active application users and their responsibilities as a part of SOX compliance.
- Creation and scheduling of alerts for any critical issue reporting.

Environment:

Oracle EBS 11.5.10, ORACLE 9i(Back-end),Developer 2000 (Forms & Reports 6i), Unix, SQL Plus, SQL * Plus, XML Report Publisher, HPE Service Now, Oracle Meta link.

Education:

Jawaharlal Nehru Technological University (JNTU), Hyderabad, India

Bachelor of Engineering in Electronics and Communications Engineering (E. C. E) in 2007

Other Projects:

- Worked on World Happiness Data set from **Kaggle**.
- Developed dashboards using different representations in **Tableau** and derived meaningful inferences from the report.
- Implemented **Word Cloud** from a file data for performing text data analysis and sentiment analysis.
- Worked on Titanic Data set from Kaggle to develop survival percentage dashboard.
- Worked on iris data set and Diabetes data sets from Kaggle and built different Machine Learning Models based on the data sets.
- Calculated metrics for different **ML Algorithms(Random Forest, Linear Regression, Logistic Regression, KNN, K means clustering, SVM, Decision Trees)** to understand which model performs well and achieves good accuracy.
- Worked on developing **RShiny** interactive app for forecasting using shiny package and RStudio by implementing different shiny themes from shiny themes library.
- Developed user interface (UI) and server functions and fused them using shiny app function and implemented different data visualizations in UI and displayed them in the app.