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Description automatically generatedSAISHRUTHI PANJALA   
DATA ANALYST**

**+1(603)-930-4803 |** [saishruthipanjala@gmail.com](mailto:saishruthipanjala@gmail.com)| [LinkedIn](http://www.linkedin.com/in/shruthi-panjala-4b9a74187/)

**PROFESSIONAL SUMMARY**

Experienced Data Analyst with 3+ years in data engineering, analytics, and visualization. Skilled in designing data pipelines on AWS and Azure with tools like Apache Kafka and Airflow, and proficient in ETL solutions like Informatica, SSIS, AWS Glue. Strong expertise in creating dashboards with Tableau, Power BI, and Looker, using advanced SQL, DAX, and Tableau Prep to drive KPI insights. Knowledgeable in Python, R, and machine learning for customer analytics on AWS SageMaker and Azure ML. Experienced in data modeling using MongoDB, Cassandra and cloud data warehousing like Snowflake, BigQuery, Azure Synapse. Developed data quality frameworks with Informatica IDQ, ensuring data integrity and privacy. Collaborative and results-oriented, translating business needs into actionable data solutions to support financial and regulatory reporting.

**Professional Experience**

**Cognizant, Hyderabad**

**Process Executive - Data July 2021 – May 2022  
Responsibilities:**

As a Process Executive-Data on Google projects, I optimized data accuracy and quality by automating data-cleansing with SQL and Python on GCP, reducing inconsistencies by 30%. I used Informatica IDQ and Google Data Studio to set data quality benchmarks, achieving a 25% improvement. I integrated governance frameworks with Collibra and GCP tools, ensuring 100% compliance with GDPR. Migrating legacy workflows to Google Cloud ETL and SSIS, I boosted processing efficiency by 40%. My Tableau and Google Data Studio dashboards improved KPI insights by 35%, and machine learning models in AutoML enhanced forecasting accuracy by 20%. Collaborating with cross-functional teams, I streamlined reporting time by 25%, ensuring seamless data solutions across departments.

**HGL Consulting, Hyderabad**

**Business Analyst - Intern May 2019 - July 2021**

**Responsibilities**:

As a Data- Business Analyst Intern at HGL for Broadridge Financial Services, I supported data analysis and reporting using SQL and Excel, improving data accuracy by 20%. I developed dashboards in Tableau and Power BI to track KPIs, aiding financial decision-making. I assisted in ETL processes with SSIS and cloud tools, ensuring data integrity during migrations. I contributed to data governance, aligning with regulatory standards like GDPR and SOX. Collaborating with finance, IT, and operations teams, I translated business needs into actionable insights to optimize financial outcomes and reporting.

**Education**

* **Master of Science in Business Analysis [2022-2024]**

**University of Massachusetts Boston | CGPA:3.1/4**

* **Bachelor of Business Administration Specialization in Business Analysis [2018-2021]**

**GITAM University, Hyderabad | CGPA:3.7/4**

**TECHNICAL SkilLs**

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| **SKILLS** | **TOOLS** |
| **Data Warehousing & ETL** | Informatica PowerCenter, Informatica Data Quality (IDQ), Informatica MDM, Ab Initio, SSIS, Talend, AWS Glue |
| **Data Analysis & Visualization** | Tableau, Power BI, R, Python, SAS, SSRS, Cognos, Business Objects, OBIEE |
| **Big Data Technologies** | Hadoop, Hive, Spark Streaming, Spark SQL, Apache Presto, Amazon EMR, HDFS, PySpark |
| **Programming & Scripting Languages** | Python, SQL, T-SQL, PL/SQL, R, Scala, SAS, UNIX Shell Scripting |
| **Cloud Platforms & Services** | AWS , Microsoft Azure, Google Cloud Platform |
| **Database Management** | SQL Server, Oracle, Teradata, Sybase, DB2, DynamoDB, MySQL, PostgreSQL, MS Access |
| **Data Modeling** | ERwin, Star Schema, Snowflake Schema, OLTP, OLAP, Dimensional Modeling |
| **Data Governance & MDM** | Collibra, Rochade, Informatica Data Quality, Informatica MDM, Data Governance Framework |
| **Reporting & BI Tools** | SSRS, Tableau, Power BI, Business Objects, Cognos, OBIEE |
| **Version Control & Collaboration** | Git, SVN, JIRA, Confluence, SharePoint |
| **Performance Tuning & Optimization** | SQL Profiler, Index Tuning Wizard, Teradata SQL Assistant, SQL Query Analyzer, Dynamic Management Views |
| **Data Integration & Migration** | SSIS, AWS Glue, Apache Kafka, Data Profiling, Data Cleansing, Data Quality Validation |
| **Project Management & Documentation** | Agile, Scrum, Waterfall, MS Project, Visio, Confluence, JIRA |
| **Operating Systems** | Windows, UNIX, Linux |

**Certifications**

* **Mobile Marketing :** [**https://coursera.org/share/9dbb7eb6126d31480298453ec871bdee**](https://coursera.org/share/9dbb7eb6126d31480298453ec871bdee)
* **Data Visualization Tableau:** [**https://coursera.org/share/2ef949e2fd2d2746a809648f2193ae2a**](https://coursera.org/share/2ef949e2fd2d2746a809648f2193ae2a)
* **R language:** [**https://coursera.org/share/398583f370f30df5beeb230e8aeebed3**](https://coursera.org/share/398583f370f30df5beeb230e8aeebed3)
* **Digital Transformation:** [**https://coursera.org/share/6129bb78ad16869b6772eaec3c49224b**](https://coursera.org/share/6129bb78ad16869b6772eaec3c49224b)
* **Big Data:** [**https://coursera.org/share/3b6eae7c3c367d0976283576271c36e4**](https://coursera.org/share/3b6eae7c3c367d0976283576271c36e4)
* **Python :** [**https://coursera.org/share/4f1fddab2d4dffc67e538799bf66d87f**](https://coursera.org/share/4f1fddab2d4dffc67e538799bf66d87f)
* **Decision Making:** [**https://coursera.org/share/d5b0caf65759f22eac787893c10a551e**](https://coursera.org/share/d5b0caf65759f22eac787893c10a551e)
* **Six Sigma Principles:** [**https://coursera.org/share/56745bddec21efc3c35e12ccdcfbfe73**](https://coursera.org/share/56745bddec21efc3c35e12ccdcfbfe73)
* **Communication with tableau:** [**https://coursera.org/share/d7aa1b186a5f85c6d839e85a33995b33**](https://coursera.org/share/d7aa1b186a5f85c6d839e85a33995b33)
* **Cluster Analysis, Association Mining and Model Evaluation:** [**https://coursera.org/share/c2106dbd95d7db12538ebfdbc44b97ff**](https://coursera.org/share/c2106dbd95d7db12538ebfdbc44b97ff)
* **Initiating and Planning Project :** [**https://coursera.org/share/6855c879ae12698f5429da36217973b1**](https://coursera.org/share/6855c879ae12698f5429da36217973b1)