**Maulik Patel**

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**DATA Analyst** | **QA Tester**

Data Analyst passionate about condensing large data in to a simple to understand story. Creative in finding solutions to problems and determining modifications for optimal use of organizational data. Expert at providing realistic projections and establishing various scenarios to determine viable process strategies to utilize, visualization, and analysis to condense large data in to a simple to understand and engaging narrative. Excels in critical thinking, analytical problem solving, and cross-team collaboration*.*

Extensive experience in Software Quality Assurance and ETL Testing and strong knowledge of Software development life cycle (SDLC) and Software Testing Life Cycle (STLC). Hands on experience in analyzing Business Requirement, Functional Requirement, Design specification and developing Test plan, Test scenarios, UAT and End to End testing.

* **Languages**: Python, SQL, Java, C++, HTML, CSS, JavaScript, JSON, R, UNIX
* **Data Manipulation & Visualization**: Pandas, Numpy, Matplotlib, Plotly, BeautifulSoup , Tableau, Crystal Reports, Hyperion
* **Database**: MySQL, MongoDB, SQLAlchemy, Access,
* **Other**: Flask, Heroku, Git Bash, Microsoft Office Suite, JIRA , ALM,

**PROFESSIONAL EXPERIENCE**

**Data analyst Rutgers Data Science Bootcamp**

**Project - 1**

Worked on creating model that predict Used car prize accurately, created model using Python, Pandas, Matplotlib, Seaborn, sklearn, MySQL, SQLAlchemy, Flask, html, css, Java Script

* Data Characteristics and Exploration
* Model Selection, Interpretation & Prediction
* Summary and Future Scope
* GIT Hub - <https://github.com/maulikp11/final-project->

**Project – 2**

Analyzed sales tax data from all US stats and territories, by using Python (NumPy, Pandas, etc.)

* Analysis of sales tax in US States
* States that have or don’t have taxes
* Find States with lower taxes and States with higher taxes
* Identify the impact of multiple tax levels in States
* GIT Hub - <https://github.com/maulikp11/project-1>

**Bank Of New York,** Mellon, PA **2017 – 2018**

**Sr QA Analyst/ ETL Tester**

* Analyzed specifications and collected information from developers and based on business requirements in order to develop and execute test cases; extensively participated in preparing test procedures.
* Conducted Testing on ETL Processes (Manual testing), prepared and executed test cases for Source to Target verification, Data Quality verification, Referential Integrity and Meta data verification.
* Performed End to End testing, utilized ODI as ETL tool
* Performed functional, regression, system, compatibility, and User Acceptance Testing, for verifying application functionality.
* Executed manual test cases and bug tracking tool to store the details of bugs for enhanced regression test and to enhance version control.
* Performed backend testing using SQL queries and assisted developers in tracking problems and resolving technical issues.

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**Royal Bank of Canada (RBC),** New Jersey **2014 –2016**

**Sr. ETL Tester**

* Led the QA team and guided them through Software Testing Life Cycle. Identified testing scope for various IT Projects to estimate time it would take to test. Prepared Master Test Plans (MTP) for testing strategy to produce test cases and traceability matrix reports.
* Handled review meetings, Defect Triage meetings, and testing status meetings.
* Interacted with Business Systems Analyst, Technical Systems Analyst, DBA and Project Manager to understand the requirements.
* Conducted Testing on ETL Processes (Manual testing), prepared and executed test cases for Source to Target verification, Data Quality verification, Referential Integrity and Meta data verification.
* Performed End to End testing from On-line screens to Back-end databases and to OBI (Business Intelligence) Reports using ETL processes and Web Services testing,
* Responsible for Defect tracking and test summary report, prepared QA metrics for QA Management review.

**Bank of the West,** San Ramon, CA **2011 – 2014**

**ETL/QA Analyst**

* Worked closely with team to create test scripts using IBM Rational Functional Tester and Rational Manual Tester Wrote very complex SQL to validate several business intelligence (BI) Reports.
* Performed End to End Testing and migration and Extensively used Teradata and Putty for the entire project and used Agile-testing methodology for achieving deadlines in UAT.
* Tested dashboards using MicroStrategy for business analysis and validated end user report requests using SQL tools (TOAD).
* Developed Test Plans, Test Cases, and Test Scripts for System Integration Testing (SIT).
* Responsible for validation of Target data in Data Warehouse and Data Marts which are Transformed and Loaded using Informatica components.
* Tracked defects using HP ALM tool and generated defect summary reports and prepared status summary reports with details of executed, passed and failed test cases.

**EDUCATION**

**Bachelor of Science (B.S.), General Studies**

**Rutgers University,** New Brunswick, NJ