

# Transfer data from a MongoDB DB into Redshift

## Quality Assurance

### Python Code

All Python code created should have unit tests with as much coverage as possible.

Manual tests should be performed and documented (with screenshots) on the tickets, before the code is released to production. These manual tests should be defined in the acceptance criteria of each story.

### Data checks

As unit tests or manual tests are never able to catch every possible error (for example due to data specific conditions), tests should be implemented in the data flow. This includes:

- Checks on metrics and events created by both the python scripts and AWS resources.
- Specific SQL that can be run to check for data anomalies on Redshift.

### AWS Infrastructure

Monitoring and alerting should also be put in place for the AWS resources that will run these data flows.