Data Restore Flow Chart

```
                        Select Source
                             │
                             │ Accellos/HJ/MRS/AEC
                             ▼
                  Prepare list of tables of each job
                             │
                             ▼
                   Take a tablelist of one job
                          at a time
              ┌──────────────┴──────────────┐
              ▼                              ▼
       Check Table type                Get HDFS Path
    check_external_table.py          get_hdfs_path.py
```

Managed | **External**

Convert table type to EXTERNAL

If table is NOT at specified path

If table is at specified path

Check Table partition
check_table_partition.py

Partitioned | **Not Partitioned**

Recover partition
recover_partition.sh

Run Hive table compaction script
impala_table_rebuild.py *

Run change table location script
script.py *

Failed | **Success**

Success | **Failed**

Check cause for failure

unknown cause

Find cause

row count =0

Check hdfs content
check_hdfs_path.sh

if no content

ALTER TABLE LOCATION

Check cause for failure

row count =0

Check hdfs content
check_hdfs_path.sh

if no content

ALTER TABLE LOCATION

unknown cause

Find cause

Row count check , compute stats check
rowcount.sh   **compute_stats.sh**

Run BDR Job

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