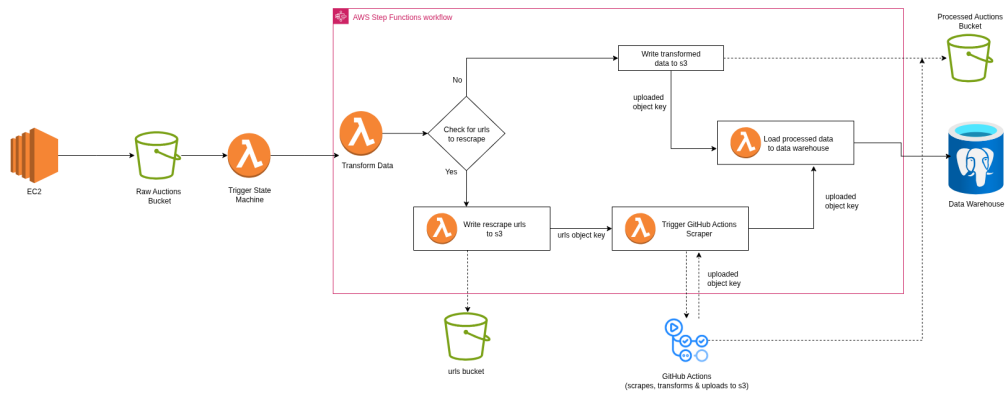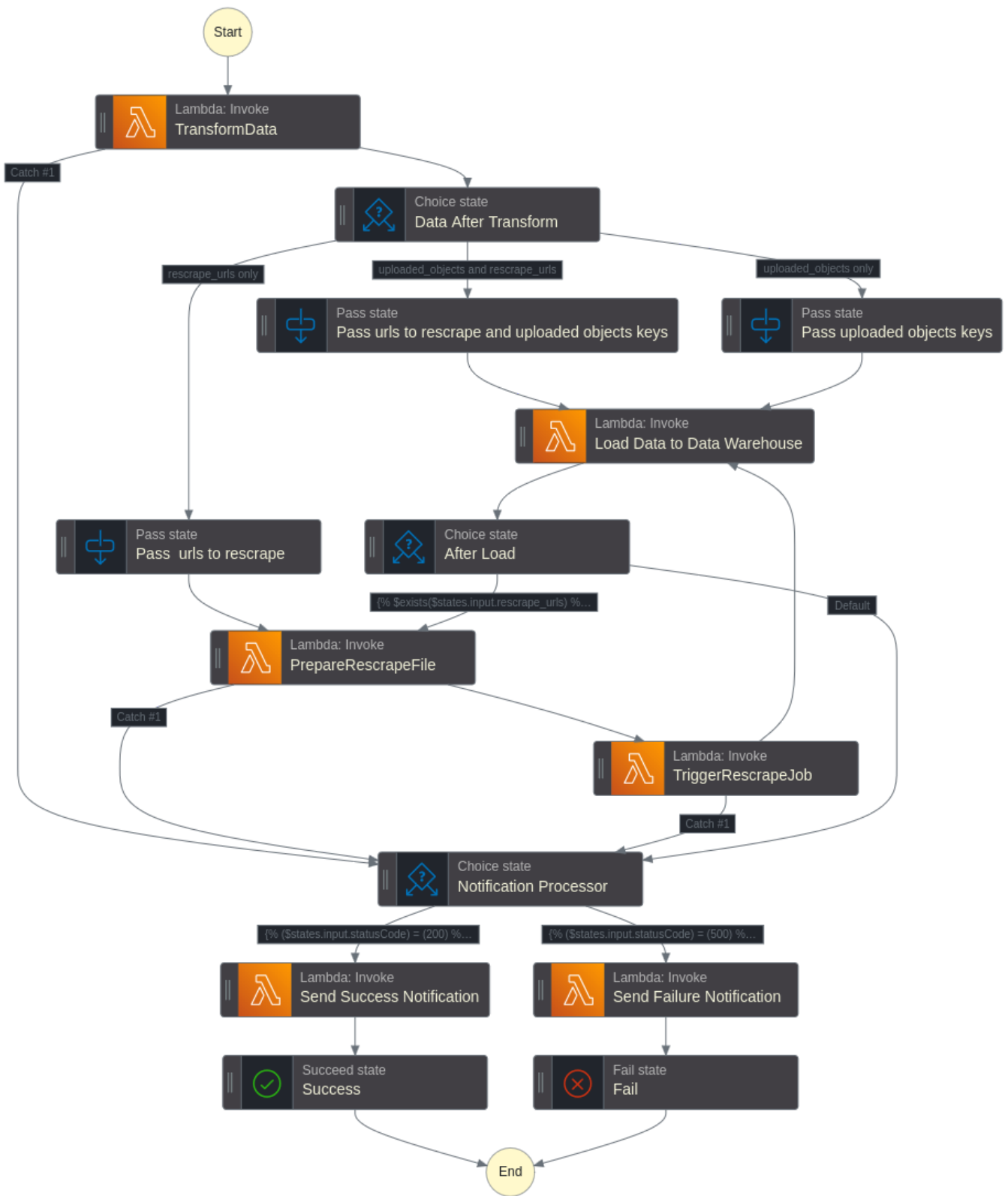# Cars&Bids End-to-End Data Pipeline

Python, Pandas, PostreSQL, Selenium AWS (EC2, S3, Step Functions, Lambda Functions)

AWS Step Functions workflow

EC2 → Raw Auctions Bucket → Trigger State Machine → Transform Data → Check for urls to rescrape

No → Write transformed data to s3 → uploaded object key → Processed Auctions Bucket

Yes → Write rescrape urls to s3 → urls object key → Trigger GitHub Actions Scraper

Load processed data to data warehouse → uploaded object key → Data Warehouse

urls bucket

GitHub Actions (scrapes, transforms & uploads to s3)

uploaded object key

/home/brianoyollo/Downloads/stepfunctions_graph(1).svg