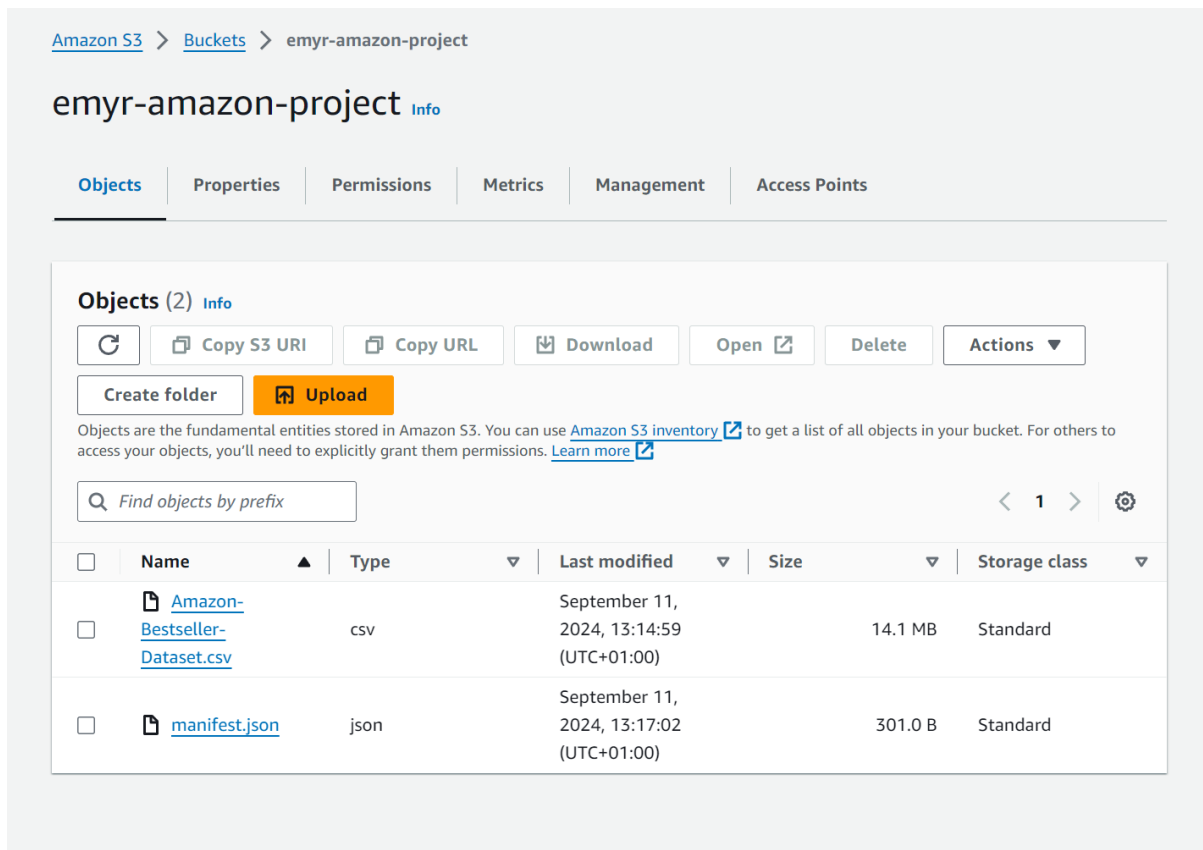


## Visualize Data using Amazon QuickSight and S3

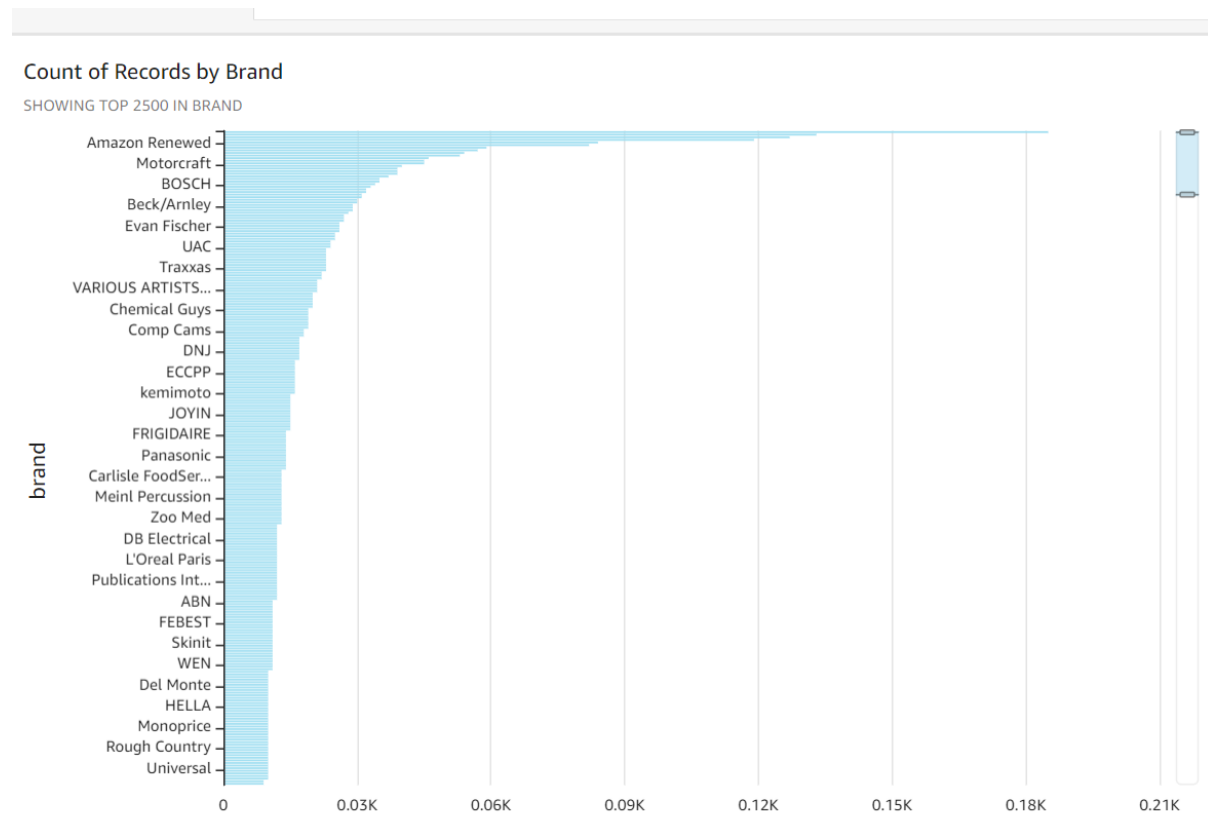


1. Data Storage in S3: First, you would upload your datasets to Amazon S3, which serves as a scalable storage solution. You can store various data formats, such as CSV, JSON, or Parquet. In this instance I have used JSON

```
> Users > emyr8 > Downloads > {} manifest.json > ...
1 {
2   "fileLocations": [
3     {
4       "URIs": [
5         "s3://emyr-amazon-project/Amazon-Bestseller-Dataset.csv"
6       ]
7     }
8   ],
9   "globalUploadSettings": {
10    "format": "CSV",
11    "delimiter": ",",
12    "textqualifier": "\"",
13    "containsHeader": "true"
14  }
15 }
16
```

2. Data Preparation: Ensure that your data is clean and structured appropriately for analysis. You may need to preprocess the data before uploading it to S3.

3. Connecting QuickSight to S3: In Amazon QuickSight, you would create a new dataset by connecting to your S3 bucket. QuickSight allows you to directly access the data stored in S3, enabling you to select the specific files you want to analyze.



4. Data Analysis and Visualization: Once the dataset is connected, you can use QuickSight's features to create visualizations. This includes generating charts, graphs, and dashboards that represent your data insights effectively.

5. Sharing Insights: Finally, you can share your visualizations and dashboards with stakeholders or team members, allowing for collaborative analysis and decision-making.

By leveraging Amazon S3 for data storage and Amazon QuickSight for visualization, you can efficiently analyze and present your data insights in a user-friendly manner.