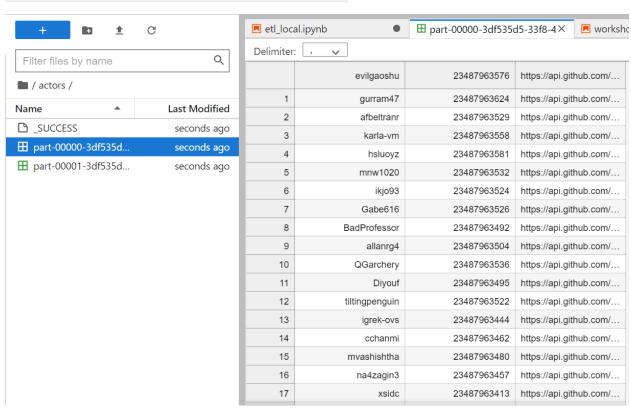
# 04-building-a-data-lake

### **Actors**

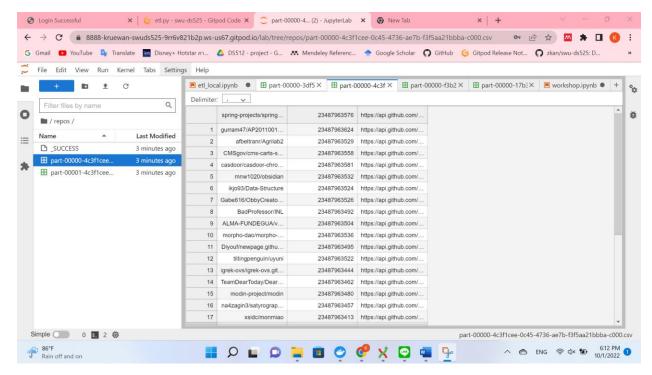
```
table = spark.sql("""
    select
        actor.login
        , id as event_id
        , actor.url as actor_url
    from
        staging_events
""")
destination = "../actors"
table.write.mode("overwrite").csv(destination)
```



## **Repos**

```
table = spark.sql("""
    select
        repo.name
    , id as event_id
    , repo.url as repo_url

from
        staging_events
""")
destination = "../repos"
table.write.mode("overwrite").csv(destination)
```



## **Orgs**

```
table = spark.sql("""
       select
              org.login
              , id as event_id
               , org.url as org_url
       from
              staging_events
....
destination = "../orgs"
table.write.mode("overwrite").csv(destination)
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### **Events**

```
table = spark.sql("""
    select
        id
        , type
        , public
        , created_at
        , to_date(created_at) as date
        , day(created_at) as day
        , month(created_at) as month
        , year(created_at) as year

from
        staging_events
""")
destination = "../events"
table.write.partitionBy("date").mode("overwrite").csv(destination)
```

