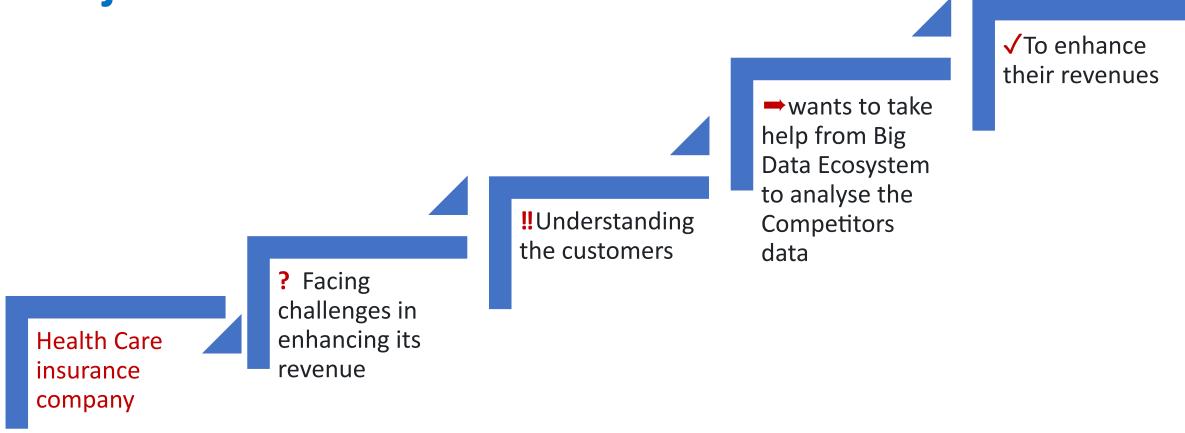
## Capstone Project

# Pabitra Aryal

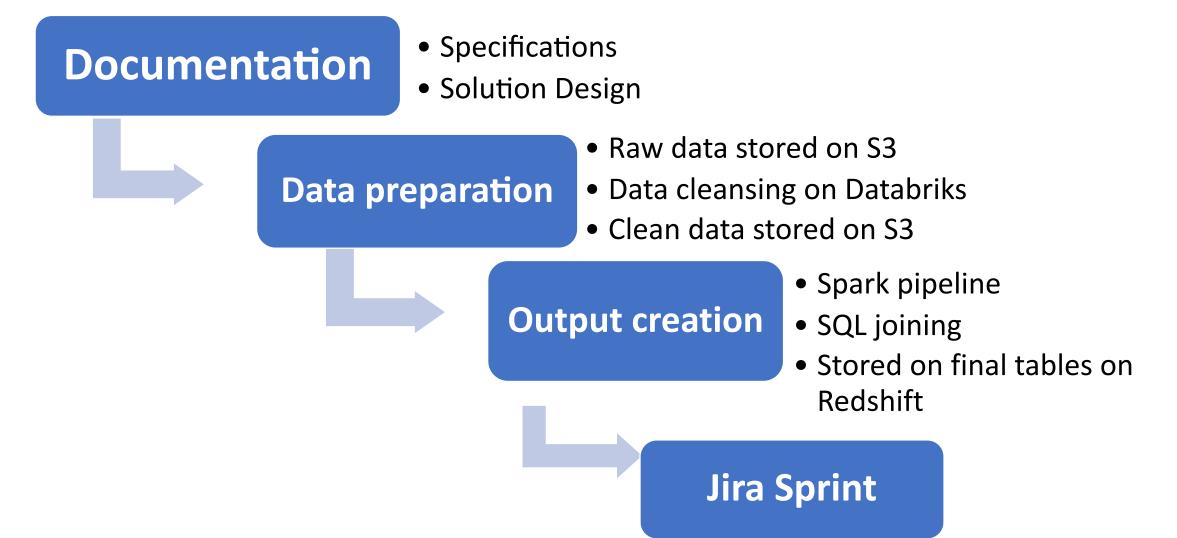
Takeo Bootcamp, BDE37

Date: 20 Dec 2023

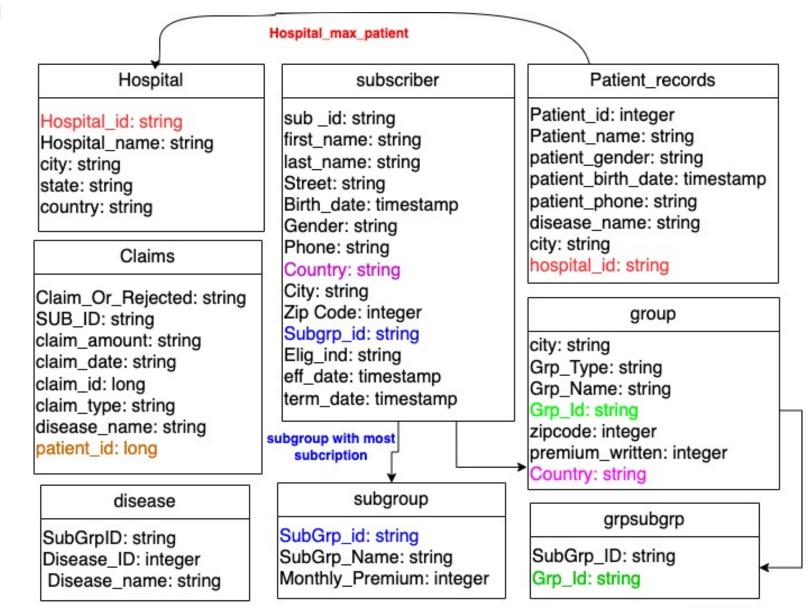
### **Project scenarios**



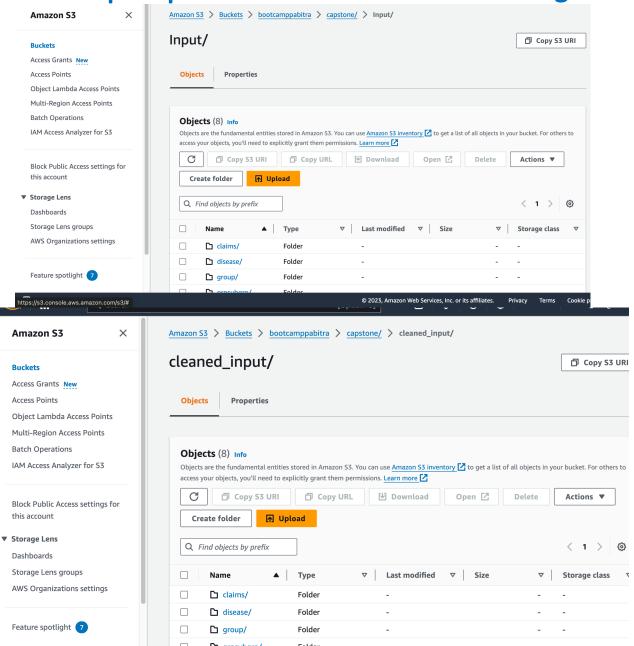
## Steps follwed for the final results



### ER diagram



### Data preparation: data cleansing



#### 

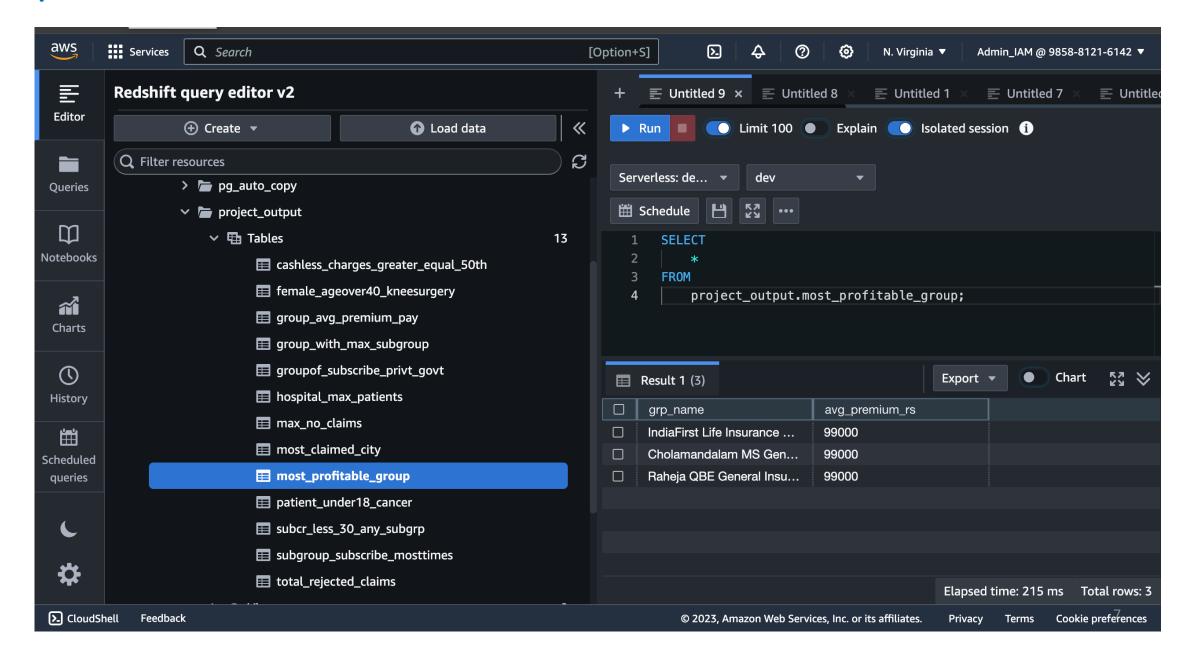
#### capstone\_data\_cleaning (Python)

```
df = df.na.fill('NaN', subset=['Patient name']) \
      .na.fill('NaN', subset=['patient_phone'])
 df.show()
|Patient_id|Patient_name|patient_gender|patient_birth_date| patient_phone|
                                                                               disease name
                                                                                                             city|hospital_id
                                                                                                                        H1001|
     187158|
                                                1924-06-30|+91 0112009318|
                                                                                                         Rourkelal
                  Harbir|
                                 Female|
                                                                               Galactosemia|
     112766|
                Brahmdev|
                                 Female|
                                                1948-12-20|+91 1727749552| Bladder cancer|
                                                                                                    Tiruvottiyur|
                                                                                                                        H1016|
```

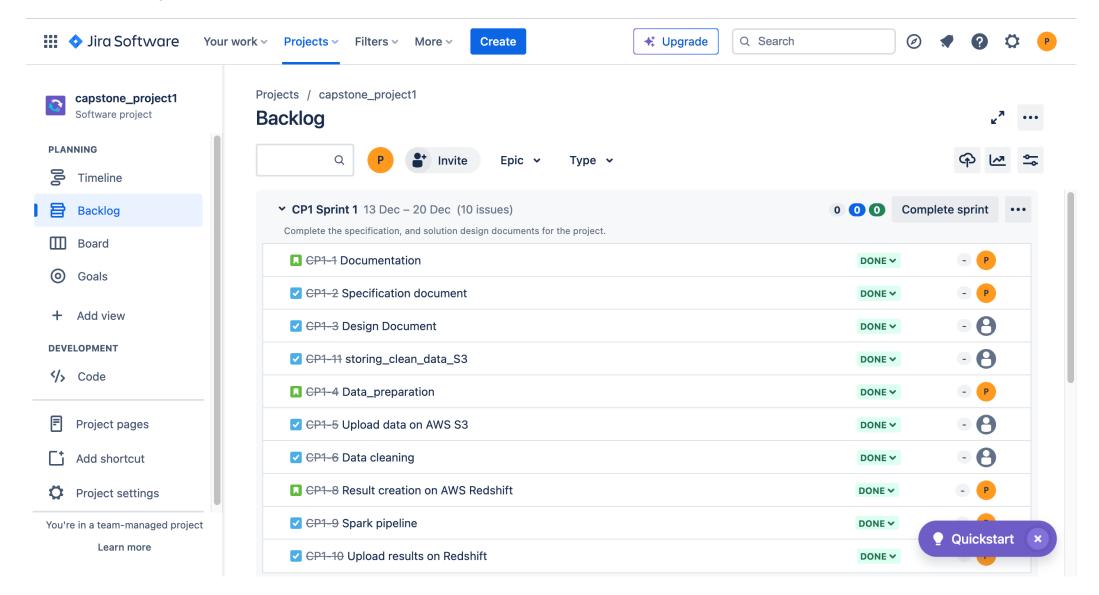
### Use case solution



### Output creation: final tables on Redshift



### Jira Sprint



## Thank you for listening!