GROUP 2 DATA STORY FOR NO SHOW APPOINTMENTS PROJECT

AWS S3 service

group2-mans bucket

mean_income_of_neighbourhoods.csv

nowshowappointments.csv

AWS RDS
Database Name:
dataviz

Pandas
mans_df
min_df

nowshow_appointments.csv to mans_df

- Set appointmentsID as index column
- Checked for null values
- Created weekdays column by day number
- Changed date-time data to date only for ScheduledDay and AppoitnementDay colmns.
- Created timedelta colum by finding the time difference between appointment and scheduled day values.
- Changed Gender data from text to integer "M"=0 "F"=1
- Changed No-show colmn from text to integer "No"=1 "Yes"= 0

mean_income_of_neighbourhood.csv to min_df

- Checked for null values

After done the data is uploaded to AWS as Neighbourhood_data and Appointments tables

APPOINTMENTS TABLE

AppointmentID
PatientID
Gender
ScheduledDay
AppointmentDay
Age
Neighbourhood
Scholarship
Hipertansion
Diabeties
Alcoholizm
Handcap
SMS_recieved
N0-show
Appointment_Day
TimeDelta

NEIGHBOURHOOD_DATA TABLE

Neighbourhood
Income
Lat,Long

Appointments Table primary key= AppointmentID
Neighbourhood_data primary key=Neigbourhood
Appointments Table Foreign key= Neighbourhood
Neighbourhood on both tables are connected

Tablou software desktop

GROUP2 DATA DASHBORD
NO SHOW APPOINTMENTS