

A close-up photograph of a stethoscope with a blue tube and silver chest piece resting on a pile of US dollar bills. The bills are fanned out, showing various denominations including \$100 and \$50. The stethoscope is positioned diagonally across the frame, with the chest piece in the foreground and the earpieces extending towards the top left. The background is softly blurred, emphasizing the stethoscope and the money.

Safecare Insurance Analysis

A faint, artistic background image showing a medical stethoscope resting on a desk. Scattered around the stethoscope are various items: a ruler, several US dollar bills (including a \$100 bill), and a single coin. The overall tone is light and professional.

AGENDA

1. Introduction

2. Objective

3. Dataset

4. Requests

5. Insights

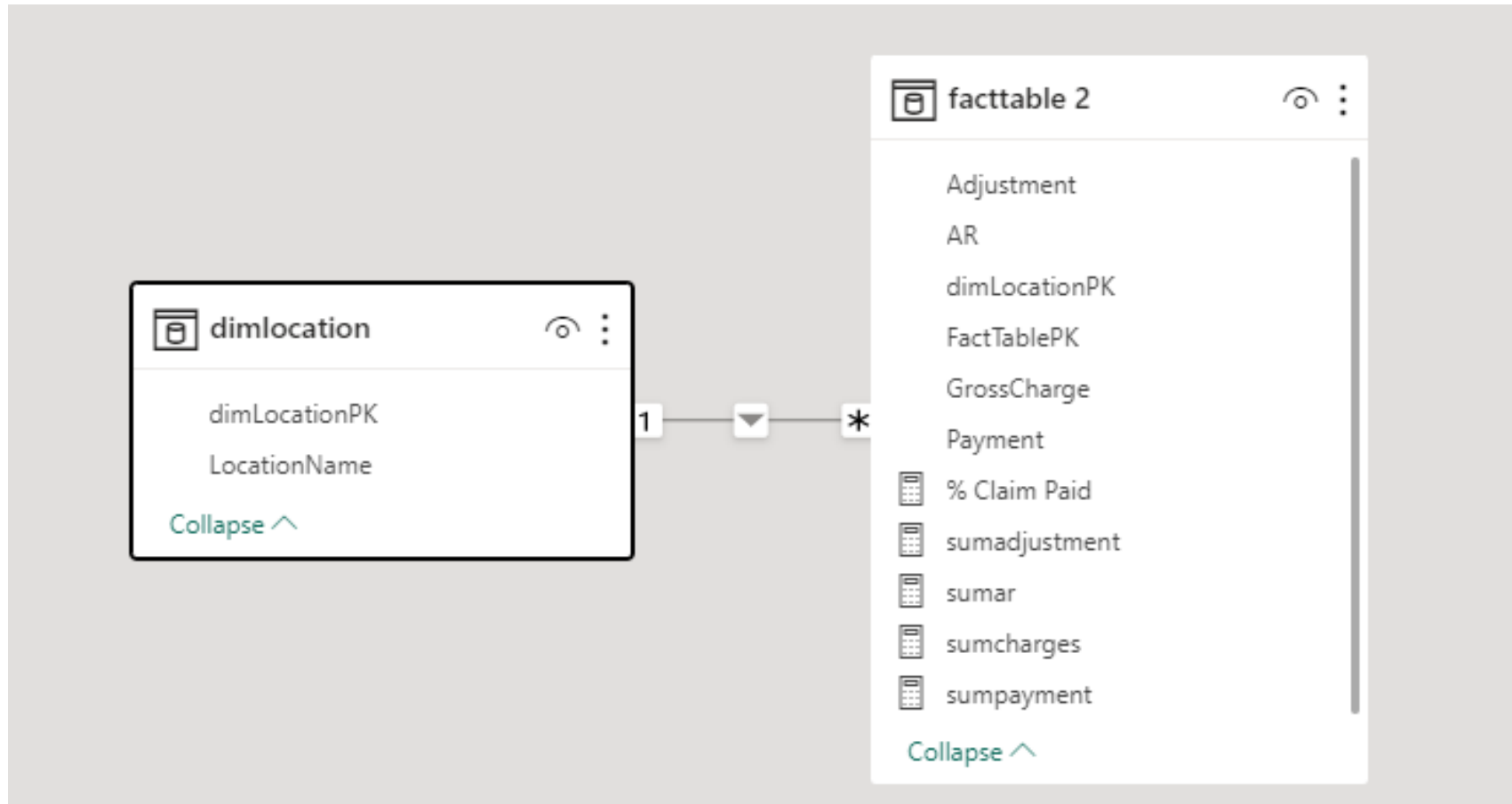
Introduction

Safecare Insurance is leading healthcare insurance in India which covers total of 11 hospitals and clinics around Mumbai city

Objective

Safecare has huge claims data of year 2023 for all 11 facility. Stakeholders wants metrics of **charges, payment, adjustments** and **AR** of each facility to enhance their operations

Dataset and modelling



Tools used



Question 1

Calculate total adjustment of Pioneer Clinic

```
select round(sum(abs(adjustment))) as total_adjustment
from facttable
inner join dimlocation
on facttable.dimlocationpk=dimlocation.dimlocationpk
where locationname ='Pioneer Clinic'
```

SQL

	total_adjustment numeric
1	2291

Power BI

Total Adjustment

₹2,291

Question 2

Mention facility which has maximum charges

```
select locationname,  
sum(abs(grosscharge)) as max_charge  
from facttable  
inner join dimlocation  
on facttable.dimlocationpk=dimlocation.dimlocationpk  
group by locationname  
order by 2 desc  
limit 1
```

SQL

locationname character varying (255)	max_charge numeric
Angelstone Community Hospital	827897.82

Power BI


Hospital/Clinic Name	Charges
Angelstone Community Hospital	₹8,27,901

Question 3

Calculate total AR of Genesis Hospital Center

```
select round(sum(abs(ar))) as total_adjustment
from facttable
inner join dimlocation
on facttable.dimlocationpk=dimlocation.dimlocationpk
where locationname ='Genesis Hospital Center'
```

SQL

	total_adjustment numeric 
1	2836

Power BI

Total AR

₹2,836

Question 4

Mention facility which has minimum payment

```
select locationname,  
sum(abs(payment)) as min_payment  
from facttable  
inner join dimlocation  
on facttable.dimlocationpk=dimlocation.dimlocationpk  
group by locationname  
order by 2 asc  
limit 1
```

SQL

locationname character varying (255) 🔒	min_payment numeric 🔒
Genesis Hospital Center	871.46

Power BI

Hospital/Clinic Name	Payment
Genesis Hospital Center	₹872

Question 5

Calculate % claim paid of Principal Medical Clinic

```
select sum(abs(payment))/sum(abs(grosscharge))*100 as claim_percent  
from facttable  
inner join dimlocation  
on facttable.dimlocationpk=dimlocation.dimlocationpk  
where locationname='Principal Medical Clinic'
```

SQL

Power BI

claim_percent
numeric



47.05594333965862099300

Principal Medical Clinic	47.05
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Insights

- Maximum charges is of **Angelstone Community Hospital** facility
- Total Adjustment cost of Pioneer Clinic is **2,291**
- Minimum Payment is of **Genesis Hospital Center** facility
- Total AR cost of Genesis Hospital Center is **2,836**
- Percent Claim paid for Principal Medical Clinic is **47.05%**



thank you!