Шаг 1: Создаем в Postgres базу данных games

Код указан ниже:

```
CREATE DATABASE games
```

Шаг 2: Создаем в базе данных games таблицу results в соответствии со структурой файла results.csv

Код указан ниже:

```
CREATE TABLE results (
    dates date,
home_team character varying(100),
away_team character varying(100),
home_score smallint,
away_score smallint,
tournament character varying(200),
city character varying(100),
country character varying(100),
neutral Boolean)
```

Шаг 3: Создаем в базе данных games таблицу shelf для витрины данных

Код указан ниже:

```
 CREATE TABLE shelf (
    dates date,
team character varying(100),
result text,
detailed_result text,
city character varying(100),
country character varying(100),
year_play numeric)
```

Шаг 4: Загружаем таблицу в results данные из файла results.csv

Код указан ниже:

```
copy public."games" from 'C:\Files CSV\results.csv' delimiter ',' CSV
HEADER
```

Шаг 5:

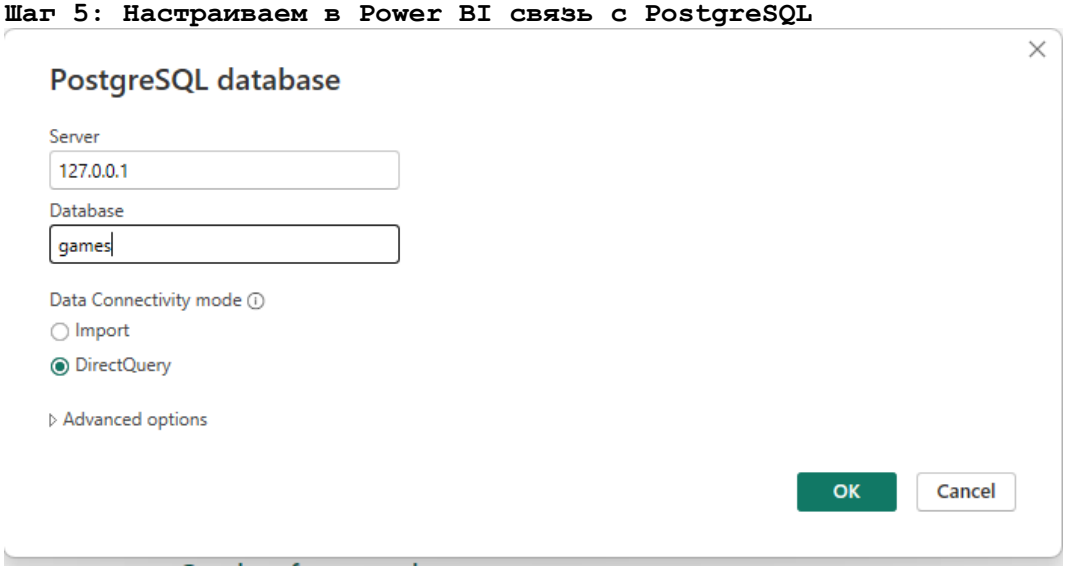
Загружаем таблицу shelf (витрину данных) на основе данных таблицы results

Код указан ниже:

```
insert into shelf

with subq1 as

(select *,

case

when home_score-away_score>0 then 'win'

when home_score-away_score<0 then 'loss'

else 'standoff'

end as home_result,
```

```
case
when away_score-home_score>0 then 'win'
when away_score-home_score<0 then 'loss'
else 'standoff'
end as away_result,
case
when home_score-away_score>0 then 'win_at_home'
when home_score-away_score<0 then 'loss_at_home'
else 'standoff'
end as home_result_detail,
case
when away_score-home_score>0 then 'win_at_away'
when away_score-home_score<0 then 'loss_at_away'
else 'standoff'
end as away_result_detail
from results)
select dates, home_team as team, home_result as result, home_result_detail
as detailed_result, city, country, extract(year from dates) as year_play
from subq1
union all
select dates, away_team as team, away_result as result, away_result_detail
as detailed_result, city, country, extract(year from dates) as year_play
from subq1
order by dates
```

Шаг 5: Настраиваем в Power BI связь с PostgreSQL



Шаг 6: Прописываем меры в DAX и настраваем визуализации в соответствии с заданием (все указано в файле Games results (Vasily Mayba).pbix