✅ People

- person_registry.xlsx

🎓 Education

- student_info.xlsx
- teacher_roster.xlsx
- class_map.xlsx
- course_catalog.xlsx

🏢 Corporate

- employee_master.xlsx
- manager_list.xlsx
- project_board.xlsx
- task_sheet.xlsx

🎭 Events & Artists

- event_hub.xlsx
- artist_pool.xlsx
- event_artist_link.xlsx

🏥 Healthcare

- health_center.xlsx
- patient_record.xlsx
- doctor_roster.xlsx

🚗 Transport

- transport_unit.xlsx
- driver_directory.xlsx
- ticket_log.xlsx

🎉 Clubs

- club_house.xlsx
- club_member_map.xlsx

QUESTIONS

1) If you had to divide all these 20 tables in 7 groups
which groups will they be
eg:

if i make a group named education

Education :

student_info
teacher_roster
class_map
course_catalog

this is 1 out of 7 , get more 6

you really gotta reverse engineer now . (No ss required , you need to type them)

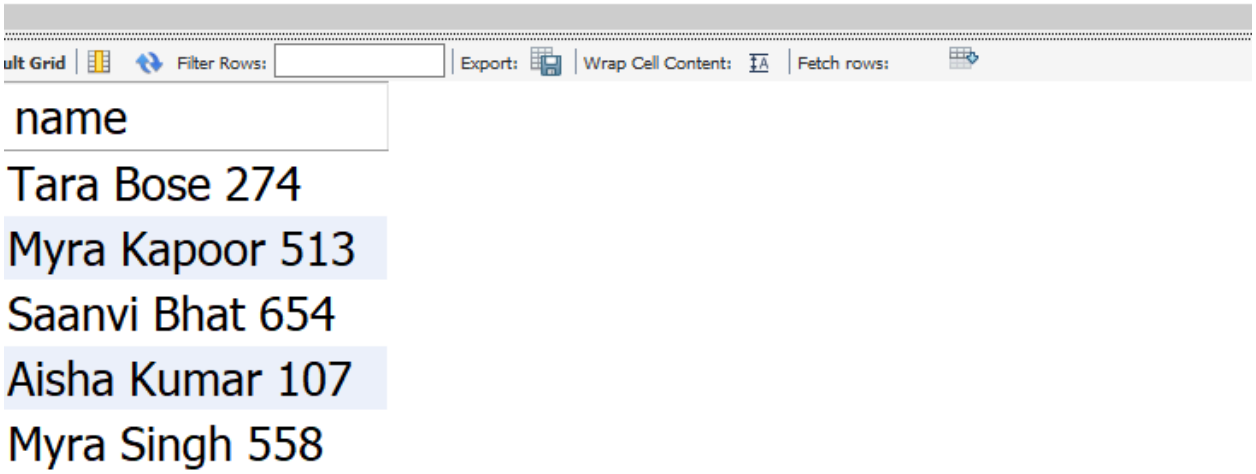
2) Explore entire dataset and spot any 5 mistakes in any of the tables and stick ss

> taks sheet
> sudent info
> health centre
> bugdet
> kredit_marks
> bdayte

3) List the names and fee status of any 5 students
who have not paid the fee

by using 'LIKE' clause only
eg: where xyz like = %abc%

```
37  3) List the names and fee status of any 5 students
38  who have not paid the fee
39  by using 'LIKE' clause only
40  eg: where xyz like = %abc%
41  */
42
43  SELECT p.name
44  FROM sudent_info s
45  JOIN person_registry p
46  using (person_id)
47  WHERE LOWER(fees_paidorNot) LIKE 'd%'
48  LIMIT 5;
```



4) which is the name of highest paid artist (use subquery only)

```
51   -- 4) which is the name of highest paid artist (use subquery only)
52
53 • SELECT p.name , e.pay
54   FROM
55   person_registry p
56   join artist_pool a
57   using (person_id)
58   join event_artist e
59   on a.artist_id = e.artist_id
60   where pay = (SELECT max(pay) from event_artist);
61
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

name	pay
Aditya Gupta 427	19991

5) Get all teachers who are also doctors

INVALID

6) Find 3 artists who performed at any event in 2024 with date of performance .

```
66   -- 6) Find 3 artists who performed at any event in 2024 with date of performance .
67
68 • SELECT p.name , eh.date from person_registry p
69   join artist_pool a
70   on p.person_id = a.person_id
71   join event_artist e
72   on a.artist_id = e.artist_id
73   join event_hub eh
74   on eh.event_id = e.event_id
75   where year(eh.date) = 2024
76   LIMIT 3;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

name	date
Diya Kumar 270	2024-05-14
Aisha Verma 467	2024-02-02
Arjun Ahuja 312	2024-06-21

7) list the names of all teachers who are born after 2007

```
81   -- 7) list the names of all teachers who are born after 2007
82
83 • SELECT person_id, name, type, bdayte
84   FROM person_registry
85   WHERE year(bdayte) > 2007
86   and type = 'teacher';
87
88
```

esult Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

person_id	name	type	bdayte
4	Sai Iyer 4	teacher	2008-06-01
237	Saanvi Kapoor 237	teacher	2010-09-14
284	Saanvi Chopra 284	teacher	2008-05-12
345	Aditya Bose 345	teacher	2010-01-16
494	Aisha Kumar 494	teacher	2009-03-25
506	Saanvi Iyer 506	teacher	2010-04-16
691	Rhea Nair 691	teacher	2009-02-23
NULL	NULL	NULL	NULL

8) Show events where the event date is later than the closing date

INVALID

9) how many doctors visited the club after 2020

INVALID

10) how many diesel busses are under maintenance

```
95   -- 10) how many diesel busses are under maintenance
96
97 • SELECT count(*)
98   FROM sql_re_eval.transport_unit
99   where staytus = 'maintenance'
100  and fuel = "diesel"
101  and type = 'bus';
102
103
```

ult Grid | Filter Rows: | Export: | Wrap Cell Content:

count(*)
50