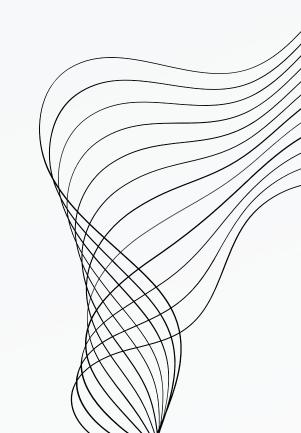
SQL PROJECT





The Human Development Index (HDI) is a composite measure that assesses a country's overall development and well-being by considering health, education, and standard of living.

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ABOUT DATASET

The Human Development Index (HDI)is the geometric mean of normalized indices for each of the three dimensions. The HDI is the geometric mean of normalized indices for each of the three dimensions. The scores for the three HDI dimension indices are then aggregated into a composite index using geometric mean. Using SQL this dataset we are trying to analyse and fetching queries Refer to Technical notes for more details in Kaggle.

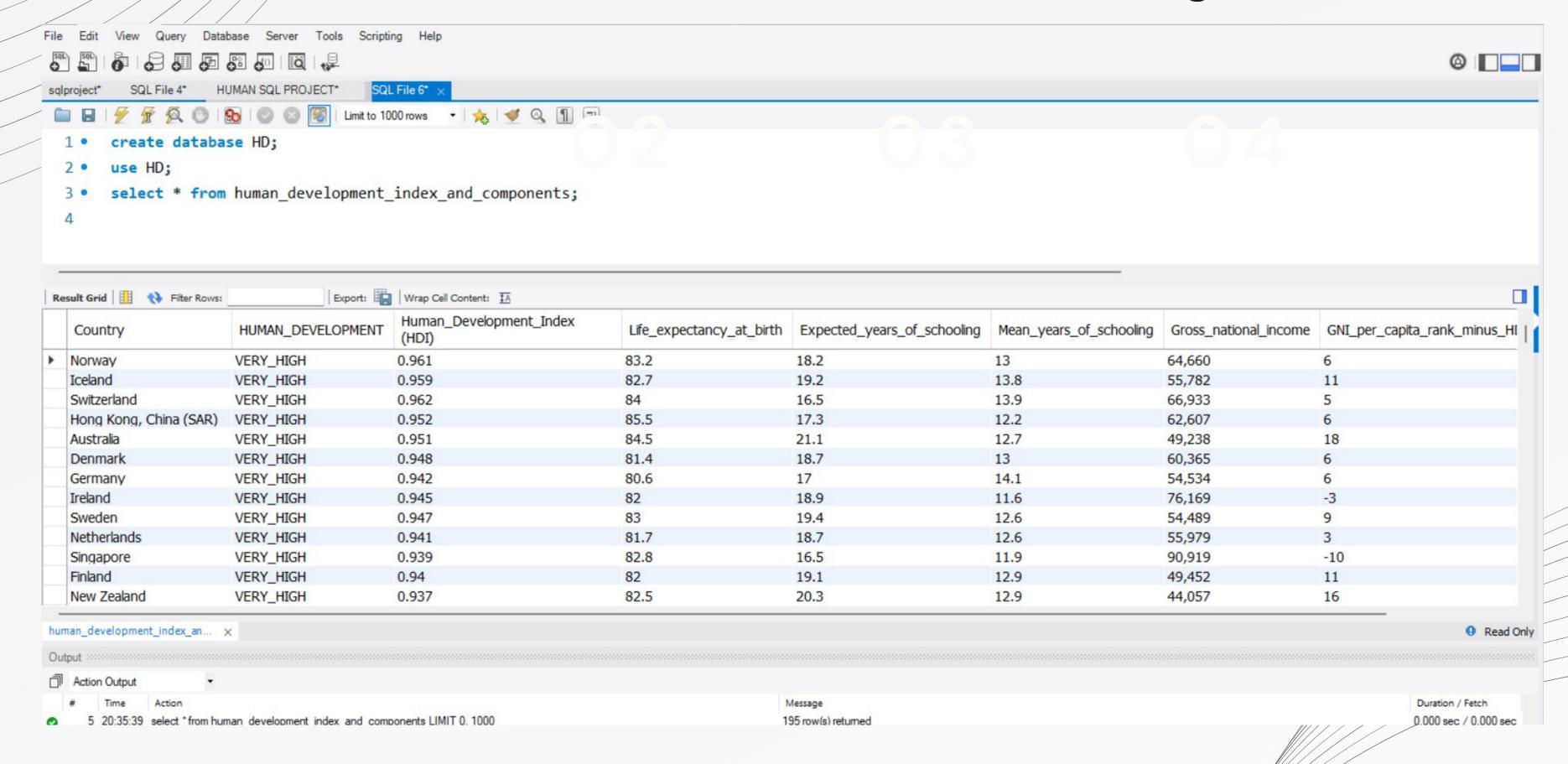


STUDY OF ATRIBUTES

- Country
- Human Devolopment
- Human Development Index (HDI)
- Life Expectancy at Birth
- Expected Years of Schooling
- Mean Years of Schooling
- Gross National Income
- GNI Per Capita Rank Minus HDI Rank
- HDI Rank



Creation of Data Base and Loading Dataset

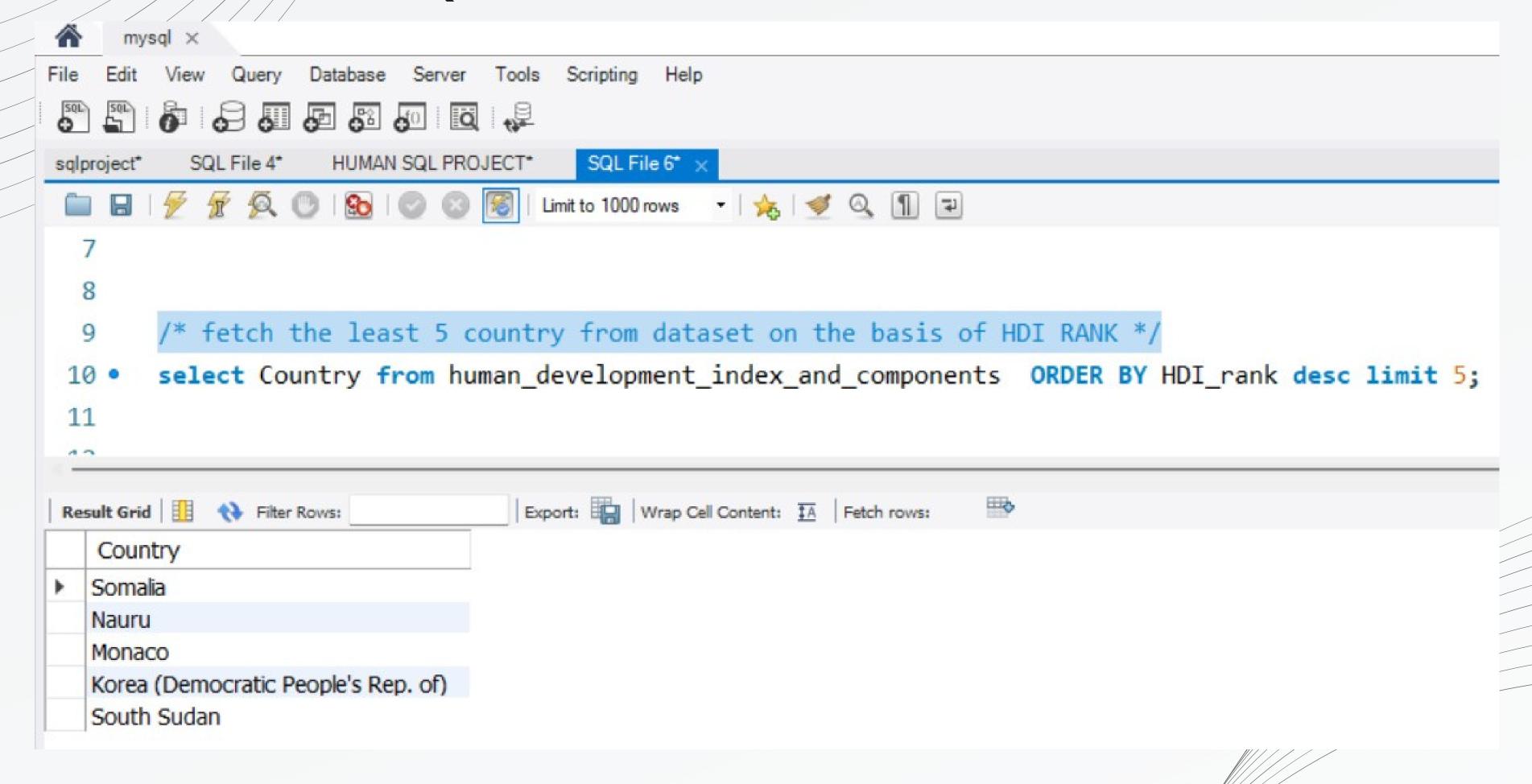


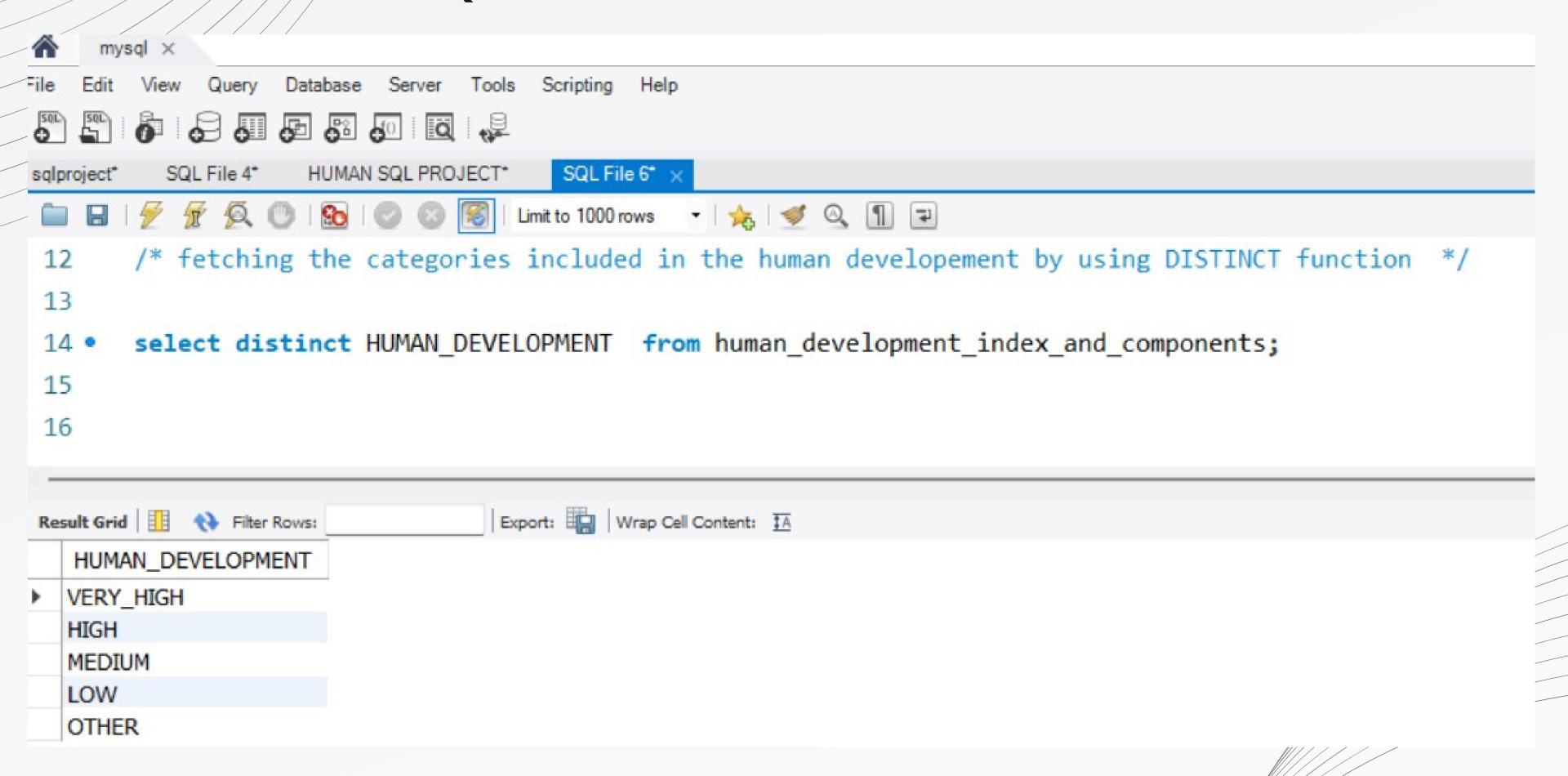


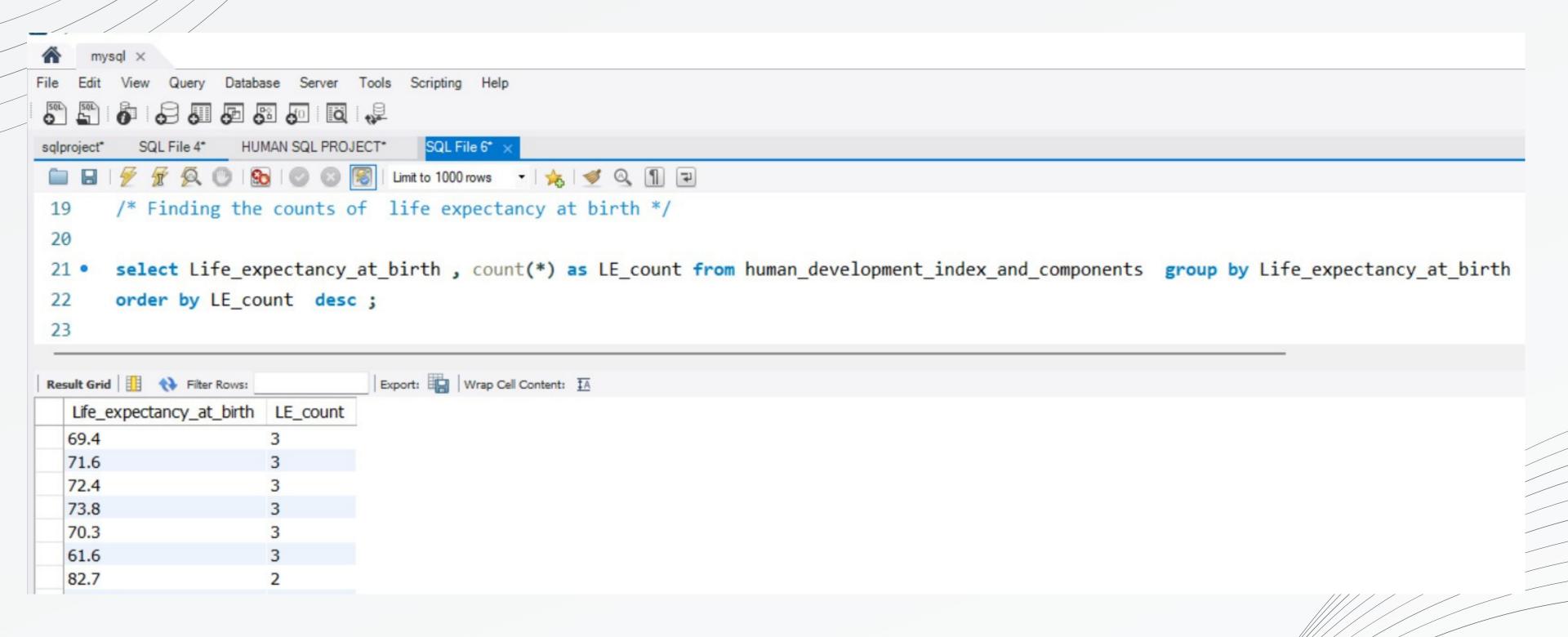
/* fetch the deails HUMAN DEVELOPMENT at very high */

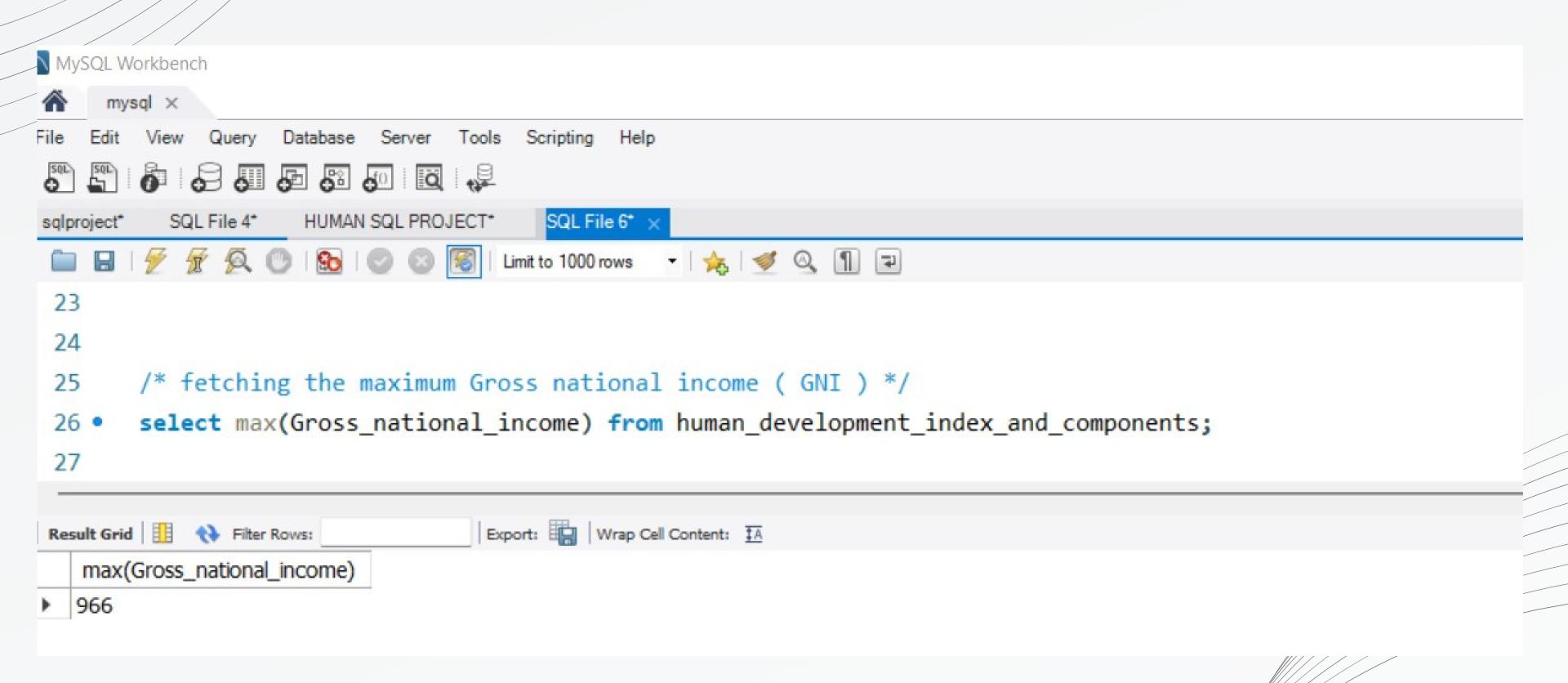
select * from human_development_index_and_components where HUMAN_DEVELOPMENT = 'VERY_HIGH';

ank	Country	HUMAN_DEVELOPMENT	Human_Development_Index (HDI)	Life_expectancy_at_birth	Expected_years_of_schooling	Mean_years_of_schooling	
	Switzerland	VERY_HIGH	0.962	84	16.5	13.9	(
	Norway	VERY_HIGH	0.961	83.2	18.2	13	(
	Iceland	VERY_HIGH	0.959	82.7	19.2	13.8	1
	Hong Kong, China (SAR)	VERY_HIGH	0.952	85.5	17.3	12.2	(
	Australia	VERY_HIGH	0.951	84.5	21.1	12.7	
	Denmark	VERY_HIGH	0.948	81.4	18.7	13	
	Sweden	VERY_HIGH	0.947	83	19.4	12.6	
	Ireland	VERY_HIGH	0.945	82	18.9	11.6	
	Germany	VERY_HIGH	0.942	80.6	17	14.1	
	Netherlands	VERY_HIGH	0.941	81.7	18.7	12.6	
	Finland	VERY_HIGH	0.94	82	19.1	12.9	
	Singapore	VERY_HIGH	0.939	82.8	16.5	11.9	•
	Belgium	VERY_HIGH	0.937	81.9	19.6	12.4	









Israel

Spain

22

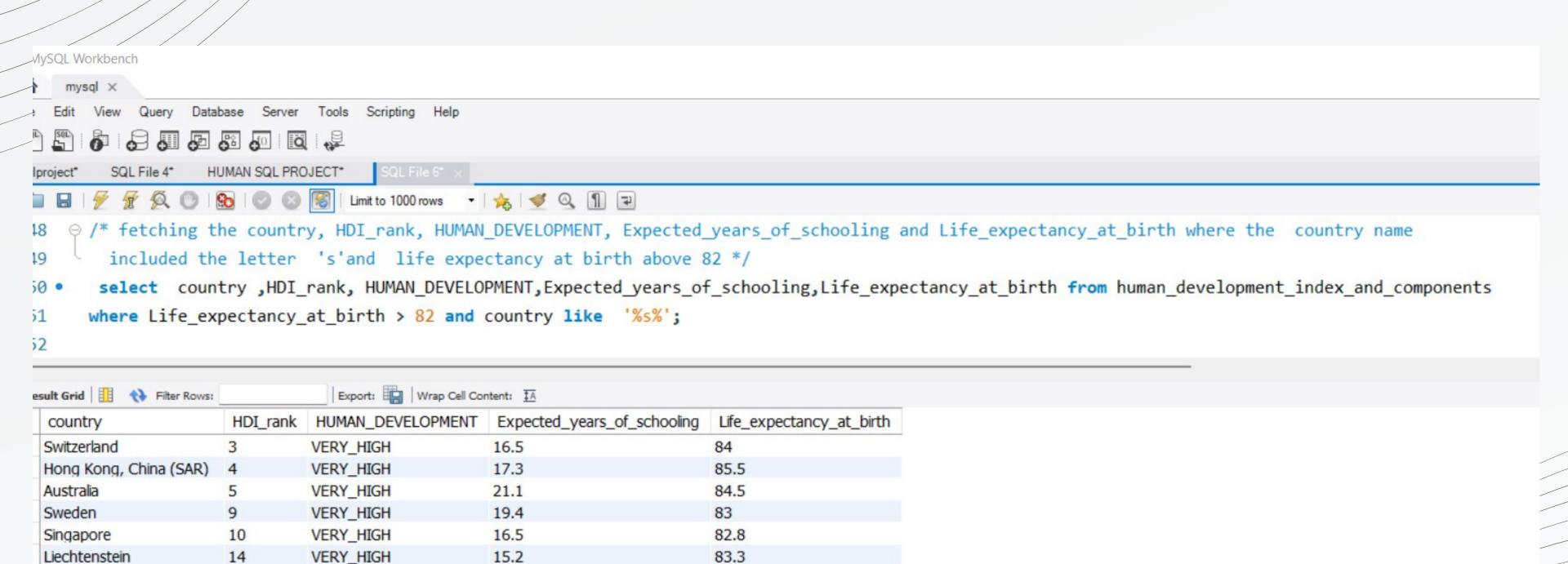
27

VERY_HIGH

VERY_HIGH

16.1

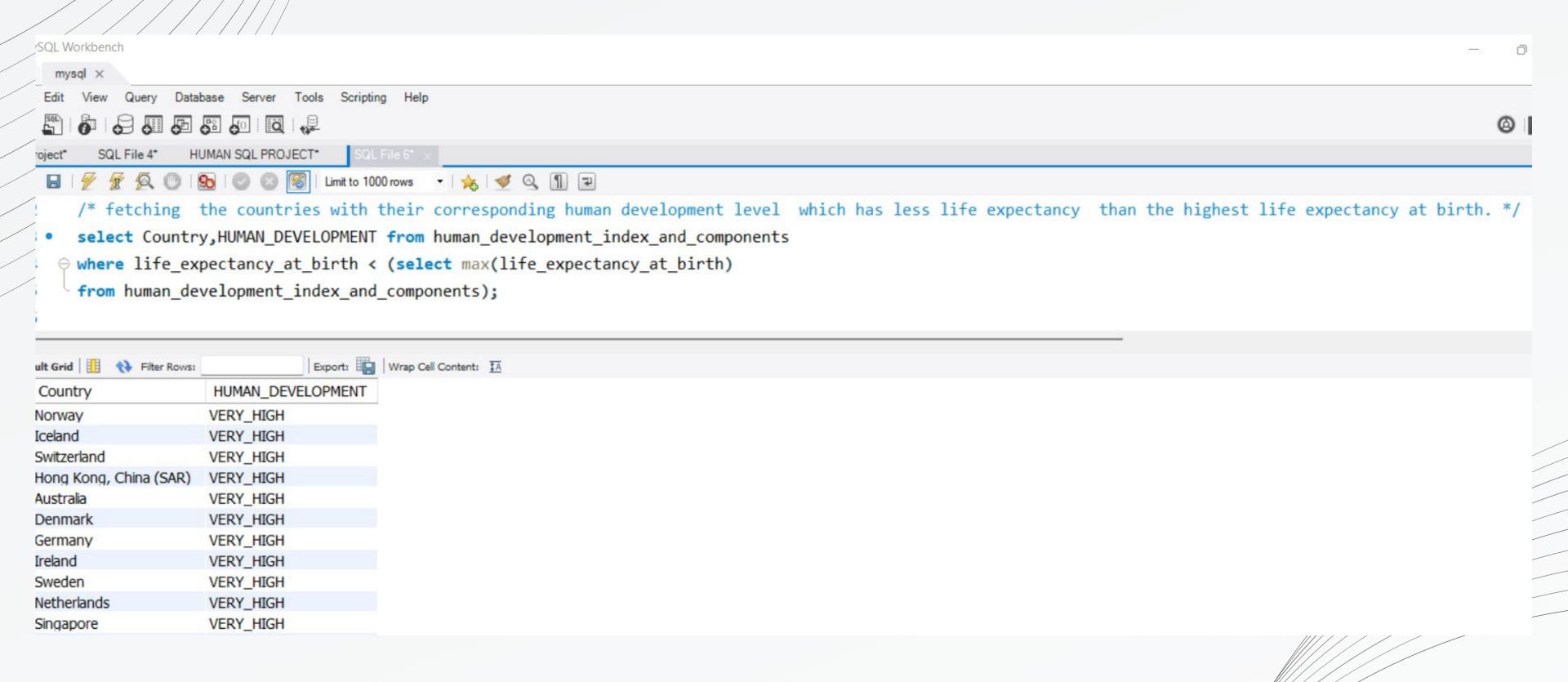
17.9



82.3

83

```
33
     categories using sub queries */
34
35
36 •
     select HUMAN_DEVELOPMENT, COUNT(*) as hd_count from
37
38
         select HUMAN_DEVELOPMENT
         from human_development_index_and_components
39
40
     ) as subquery
41
     group by HUMAN_DEVELOPMENT
42
     order by HUMAN_DEVELOPMENT desc;
Export: Wrap Cell Content: TA
  HUMAN_DEVELOPMENT
                 hd_count
 VERY_HIGH
                 66
 OTHER
                 4
 MEDIUM
                 44
 LOW
                 32
```



CONCLUSION

The SQL queries conducted on the HDI dataset reveal that these countries with very high HDI scores demonstrate commendable levels of human development, characterized by longer life expectancies, strong education systems, and relatively high economic well-being. These findings can serve as a valuable reference for policymakers and stakeholders interested in understanding and promoting human development on a global scale.

