databricks First Notebook

(https://databricks.com)

```sql
SELECT *
FROM life_exp
```

	Entity ▲	Code ▲	Year ▲	Life_expectancy ▲	Health_exp
1	Abkhazia	OWID_ABK	2015	null	null
2	Afghanistan	AFG	1960	32.44599914550780	null
3	Afghanistan	AFG	1961	32.96200180053710	null
4	Afghanistan	AFG	1962	33.47100067138670	null
5	Afghanistan	AFG	1963	33.97100067138670	null
6	Afghanistan	AFG	1964	34.4630012512207	null

Table

Truncated results, showing first 1,000 rows.

```sql
SELECT Entity, Year, Life_expectancy, Health_exp
FROM life_exp
WHERE Life_expectancy = (SELECT MAX(Life_expectancy)
                         FROM life_exp)
```

	Entity ▲	Year ▲	Life_expectancy ▲	Health_exp ▲	
1	Hong Kong	2020	85.38780212402340	null	

Table

Showing 1 row.

```sql
SELECT Entity, Year, Life_expectancy, Health_exp
FROM life_exp
WHERE Life_expectancy = (SELECT MIN(Life_expectancy)
                         FROM life_exp)
```

Table

	Entity	Year	Life_expectancy	Health_exp	
1	Cambodia	1977	18.906999588012700	null	

Showing 1 row.

```
SELECT Entity, Year, Life_expectancy, Health_exp
FROM life_exp
WHERE Health_exp = (SELECT MAX(Health_exp)
                    FROM life_exp)
```

Table

	Entity	Year	Life_expectancy	Health_exp	
1	North America	2018	78.9867935180664	9997.1318359375	

Showing 1 row.

```
SELECT Entity, Year, Life_expectancy, Health_exp
FROM life_exp
ORDER BY Life_expectancy DESC
LIMIT 10
```

Table

	Entity	Year	Life_expectancy	Health_exp	
1	Hong Kong	2020	85.38780212402340	null	
2	Hong Kong	2019	85.07804870605470	null	
3	Hong Kong	2018	84.93414306640630	null	
4	Hong Kong	2017	84.68048858642580	null	
5	Japan	2020	84.61560821533200	null	
6	Macao	2020	84.37000274658200	null	

Showing all 10 rows.

```
SELECT Entity, Year, Life_expectancy, Health_exp
FROM life_exp
WHERE Life_expectancy > 0 AND Health_exp > 0
ORDER BY Life_expectancy ASC
LIMIT 10
```

Table

	Entity	Year	Life_expectancy	Health_exp	
1	Sierra Leone	2000	39.441001892089800	116.47589111328100	
2	Sierra Leone	2001	40.36899948120120	70.1941909790039	
3	Sierra Leone	2002	41.375999450683600	89.82584381103520	
4	Sierra Leone	2003	42.41899871826170	90.54068756103520	
5	Eswatini	2005	42.518001556396500	457.9244079589840	
6	Lesotho	2006	42.595001220703100	95.13764953613280	

Showing all 10 rows.

```
SELECT Entity, Year, Life_expectancy, Health_exp
FROM life_exp
WHERE Life_expectancy > 0 AND Health_exp > 0
ORDER BY Life_expectancy DESC
LIMIT 10
```

Table

	Entity	Year	Life_expectancy	Health_exp	
1	Japan	2019	84.35633850097660	4587.03466796875	
2	Japan	2018	84.21097564697270	4531.74755859375	
3	Japan	2017	84.0997543334961	4398.0244140625	
4	Japan	2016	83.98487854003910	4303.919921875	
5	Switzerland	2019	83.90487670898440	8532.49609375	
6	Spain	2019	83.83171081542970	3983.930908203130	

Showing all 10 rows.

```sql
SELECT Continent, AVG(Life_expectancy)
FROM life_exp
GROUP BY Continent
ORDER BY Continent ASC
```

Table

	Continent ▲	avg(CAST(Life_expectancy AS DOUBLE)) ▲	
1	null	64.33875127684954	
2	Africa	62.53107925697609	
3	Antarctica	null	
4	Asia	73.63440190529337	
5	Europe	78.70594076676802	
6	North America	75.59349638840249	

Showing all 8 rows.

```sql
SELECT *
FROM disorders_prev
```

Table

	Entity ▲	Code ▲	Year ▲	Schizophrenia ▲	Bipolar_[
1	Afghanistan	AFG	1990	0.22897858837646	0.721200
2	Afghanistan	AFG	1991	0.2281197248811	0.719952
3	Afghanistan	AFG	1992	0.22732761893847	0.718417
4	Afghanistan	AFG	1993	0.22646828453369	0.717452
5	Afghanistan	AFG	1994	0.22556688809529	0.717012
6	Afghanistan	AFG	1995	0.2247127587663	0.716686

Truncated results, showing first 1,000 rows.

```sql
SELECT Entity, Year, MAX(Anxiety_Disorder) as Anxiety_rate
FROM disorders_prev
GROUP BY Entity, Year
ORDER BY Anxiety_rate DESC
LIMIT 10
```

Table

	Entity	Year	Anxiety_rate	
1	Brazil	2006	9.01594803297266	
2	Brazil	2005	9.0115378821576	
3	Brazil	2007	8.99318068283697	
4	Brazil	2008	8.95702205810508	
5	Brazil	2009	8.92128674207743	
6	Brazil	2004	8.91276787078186	

Showing all 10 rows.

```
SELECT Entity, AVG(Anxiety_Disorder) as Anxiety_rate
FROM disorders_prev
GROUP BY Entity
ORDER BY Anxiety_rate DESC
LIMIT 10
```

Table

	Entity	Anxiety_rate	
1	Portugal	8.639894933229076	
2	New Zealand	8.100753942368788	
3	Brazil	7.770800395750554	
4	Iran	7.512585703689632	
5	Norway	7.471318748948199	
6	Northern Ireland	7.430177150841563	

Showing all 10 rows.

```
SELECT Entity,Year,  AVG(Anxiety_Disorder) as Anxiety_rate
FROM disorders_prev
WHERE (Year >= 2010)
GROUP BY Entity, Year
ORDER BY Anxiety_rate DESC
LIMIT 10
```

Table

	Entity	Year	Anxiety_rate
1	Brazil	2010	8.8995688768973
2	Portugal	2018	8.79451745375387
3	Portugal	2019	8.79117258062588
4	Portugal	2010	8.78029198554159
5	Portugal	2017	8.77892069106408
6	Brazil	2011	8.7732153889412

Showing all 10 rows.

```sql
SELECT Entity,Year,  AVG(Drug_Use) as Drug_Usage
FROM disorders_prev
GROUP BY Entity, Year
ORDER BY Drug_Usage DESC
LIMIT 10
```

Table

	Entity	Year	Drug_Usage
1	United States	2019	3.69950379556934
2	United States	2018	3.67489045106304
3	United States	2017	3.63768148021635
4	North America (WB)	2019	3.60191182847868
5	North America (WB)	2018	3.5839655291961
6	United States	2016	3.55686702780257

Showing all 10 rows.

```
#WIP
#SELECT Entity,Year, Eating_Disorder, Depression
#FROM disorders_prev
#WHERE Eating_Disorder > (SELECT AVG(Eating_Disorder)
                                  FROM disorders_prev)
                                  AND
     #Depression > (SELECT AVG(Depression)
                     FROM disorders_prev)
#GROUP BY Entity, Year
#ORDER BY Depression DESC
```

```
Error in SQL statement: ParseException:
mismatched input '#' expecting {'(', 'CONVERT', 'COPY', 'OPTIMIZE', 'ADD', 'ALTER',
'ANALYZE', 'CACHE', 'CLEAR', 'COMMENT', 'COMMIT', 'CREATE', 'DELETE', 'DESC', 'DESC
RIBE', 'DFS', 'DROP', 'EXPLAIN', 'EXPORT', 'FROM', 'GRANT', 'IMPORT', 'INSERT', 'LI
ST', 'LOAD', 'LOCK', 'MAP', 'MERGE', 'MSCK', 'REDUCE', 'REFRESH', 'REPLACE', 'RESET
', 'REVOKE', 'ROLLBACK', 'SELECT', 'SET', 'SHOW', 'START', 'TABLE', 'TRUNCATE', 'UN
CACHE', 'UNLOCK', 'UPDATE', 'USE', 'VALUES', 'WITH'}(line 1, pos 0)

== SQL ==
#WIP
^^^
#SELECT Entity,Year, Eating_Disorder, Depression
#FROM disorders_prev
#WHERE Eating_Disorder > (SELECT AVG(Eating_Disorder)
                                 FROM disorders_prev)
                                 AND
     #Depression > (SELECT AVG(Depression)
                     FROM disorders_prev)
#GROUP BY Entity, Year
#ORDER BY Depression DESC
```

Table

	Entity	Code	Year	Life_expectancy	Health_exp	Pop
1	Abkhazia	OWID_ABK	2015	null	null	null
2	Afghanistan	AFG	1960	32.44599914550780	null	899
3	Afghanistan	AFG	1960	32.44599914550780	null	899
4	Afghanistan	AFG	1960	32.44599914550780	null	899
5	Afghanistan	AFG	1960	32.44599914550780	null	899
6	Afghanistan	AFG	1960	32.44599914550780	null	899

Truncated results, showing first 1,000 rows.