

ANXIETY ATTACK : FACTORS, SYMPTOMS, AND SEVERITY DATABASE



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DATASET KEY FEATURES:

- 👤 Demographics: Age, Gender, Occupation
- 🌙 Lifestyle Factors: Sleep, Physical Activity, Diet, Caffeine & Alcohol Intake
- ❤️ Health Indicators: Heart Rate, Breathing Rate, Sweating, Dizziness
- 🧠 Psychological Factors: Stress Level, Family History, Therapy & Medication
- ⚠️ Anxiety Attack Severity: Scale from 1 to 10



ABUENOV • POSTED 17 HOURS AGO

Data variety

After a review of the data, I can tell that there is 0 correlation at all in between the variables. Is this a simulated dataset?

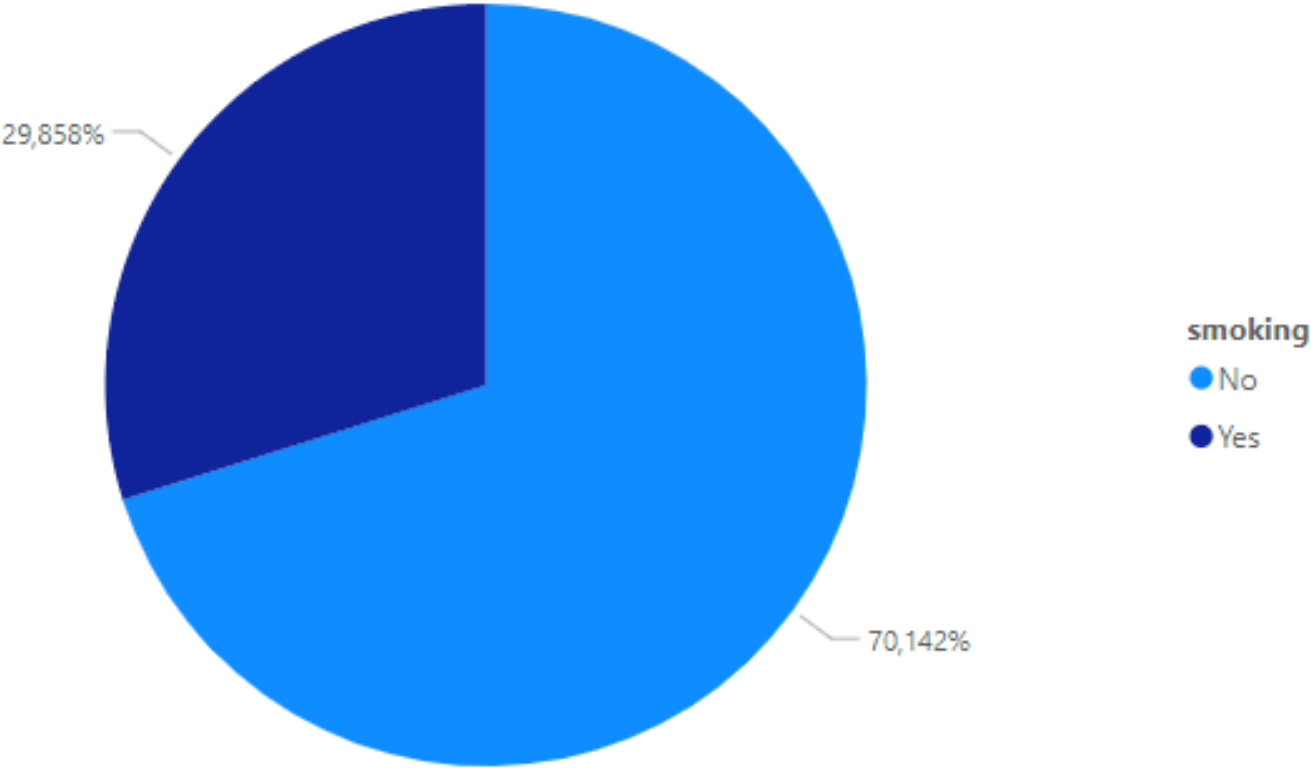


Smoke Comparison

```
CREATE VIEW SmokerComparison AS
SELECT
  smoking,
  COUNT(*) * 100.0 / (SELECT COUNT(*) FROM anxiety_data) AS percentage
FROM
  anxiety_data
GROUP BY
  smoking;
```

smoking varchar	percenta... nume...
No	70.1416666666666667
Yes	29.8583333333333333

Smoker Vs Non Smoker



gender varchar	average_sleep_hours float8
Female	6.49011878120157
Male	6.48236938668531

occupation varchar	average_sleep_hours float8
Doctor	6.48672654690619
Engineer	6.49196108550946
Other	6.53916793505835
Student	6.41679467485918
Teacher	6.52035353535354
Unemployed	6.44319775596073

gender varchar	average_heart_rate numeric
Female	119.2811155104148735
Male	119.3508649309802551

id int4	age int4	gender varchar	caffeine_intake_mg_day int4
708	30	Other	499
1245	27	Other	499
2366	34	Male	499
3253	42	Other	499
4383	29	Male	499

stress_level_1_10 int4	avg_anxiety_attack_severity numeric
1	5.5811965811965812
2	5.4646128226477935
3	5.4096586178184846
4	5.5286677908937605
5	5.4662218515429525
6	5.4851657940663176
7	5.5718901453957997
8	5.4654255319148936
9	5.6109243697478992
10	5.4828431372549020

therapy_sessions_per_month int4	count int8
0	1135
1	1258
2	1162
3	1190
4	1223
5	1269
6	1179
7	1181
8	1136
9	1267

Average Sleep By Gender

```
CREATE VIEW AverageSleepByGender AS
SELECT
    gender,
    AVG(sleep_hours) AS average_sleep_hours
FROM
    anxiety_data
GROUP BY
    gender;
```

Average Sleep Hours by Occupation

```
SELECT
    occupation,
    AVG(sleep_hours) AS average_sleep_hours
FROM
    anxiety_data
GROUP BY
    occupation;
```

Smoke Comparison

```
CREATE VIEW SmokerComparison AS
SELECT
    smoking,
```

```
    COUNT(*) * 100.0 / (SELECT COUNT(*) FROM anxiety_data) AS percentage
FROM
    anxiety_data
GROUP BY
    smoking;
```

Top 5 People with the Highest Caffeine Intake

```
SELECT
    id, age, gender, caffeine_intake_mg_day
FROM
    anxiety_data
ORDER BY
    caffeine_intake_mg_day DESC
LIMIT 5;
```

Correlation Between Stress Level and Anxiety Attack Severity

```
CREATE VIEW CorrStressandAnxiety AS
SELECT
    stress_level_1_10,
    AVG(severity_of_anxiety_attack_1_10) AS avg_anxiety_attack_severity
FROM
    anxiety_data
GROUP BY
```

```
    stress_level_1_10;
```

Average Heart Rate During an Attack by Gender

```
CREATE VIEW HeartRateinAttack AS
SELECT
    gender,
    AVG(heart_rate_bpm_during_attack) AS average_heart_rate
FROM
    anxiety_data
GROUP BY
    gender;
```

Count of Recent Major Life Events by Gender

```
CREATE VIEW recentmajoreventsgender AS
SELECT
    gender,
    COUNT(*) AS life_event_count
FROM
    anxiety_data
WHERE
    recent_major_life_event = 'Yes'
GROUP BY
    gender;
```