

Patient Demographics & PCOS Overview



2000

Total Patients



14.55%

PCOS %



25.98

Avg BMI



6.64

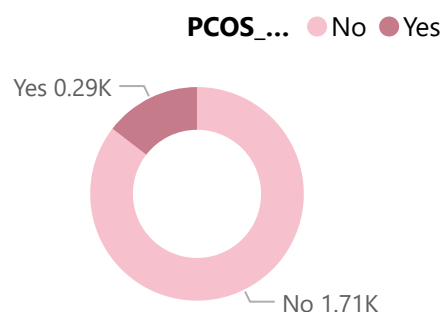
Avg Sleep



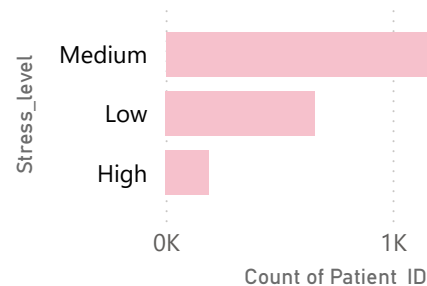
1.36

Avg LH_FSH Ratio

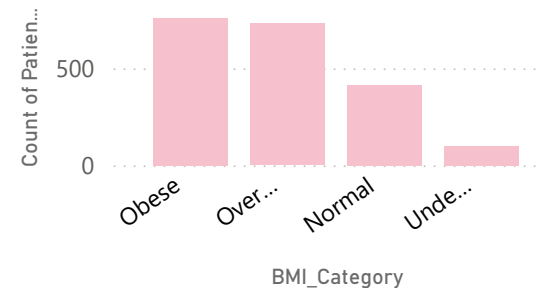
PCOS Diagnosis Distribution



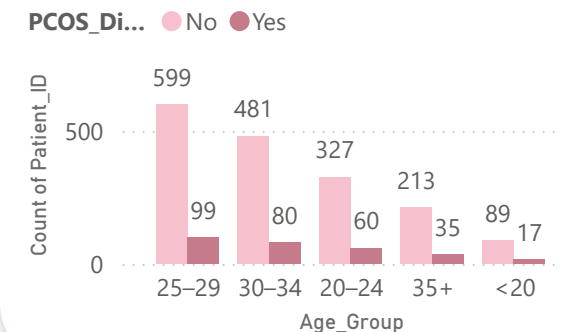
Stress Level Distribution Among Patients



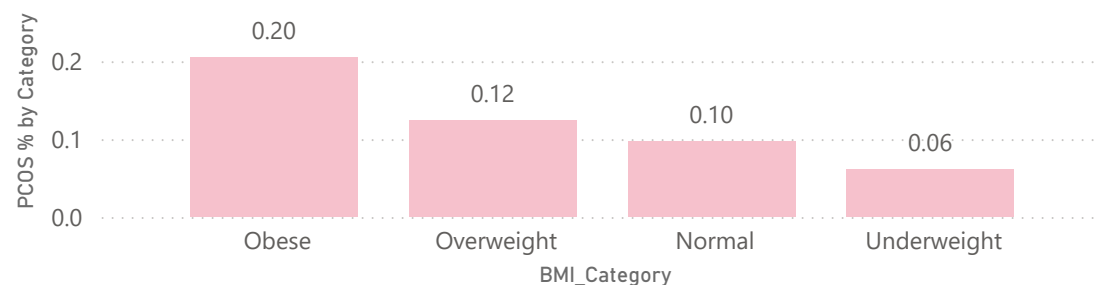
BMI Category Distribution of Patients



Age-wise PCOS Distribution



PCOS Prevalence by BMI Category



Age Group

All

PCOS (Yes/No)

All

City

- ☐ Ahmedabad
- ☐ Bangalore
- ☐ Chennai
- ☐ Delhi
- ☐ Ghaziabad

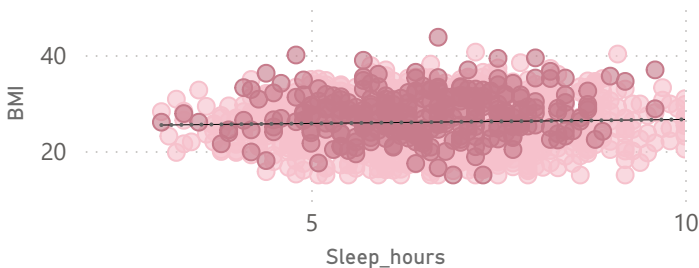
Key Insights

- PCOS prevalence is highest among overweight and obese patients
- Majority of patients report medium to high stress levels
- Average sleep duration is below recommended levels

Lifestyle Patterns and Symptom Severity in PCOS

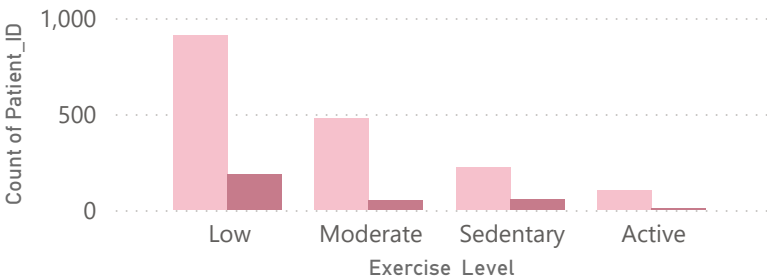
Sleep Duration vs BMI (PCOS vs Non-PCOS)

PCOS_Diagn... ● No ● Yes



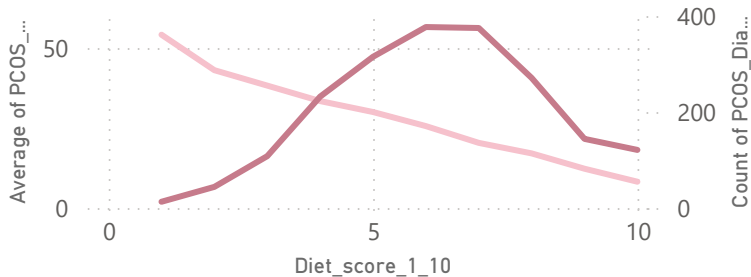
Physical Activity Levels by PCOS Status

PCOS_Diagnos... ● No ● Yes



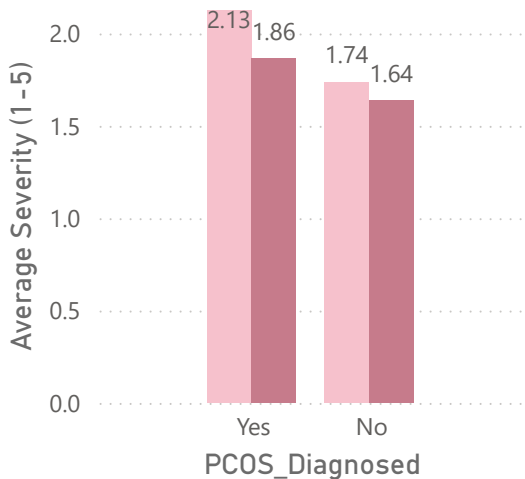
Diet Quality and PCOS Risk Trend

● Average of PCOS_Risk_Score ● Count of PCOS_Diagnosed



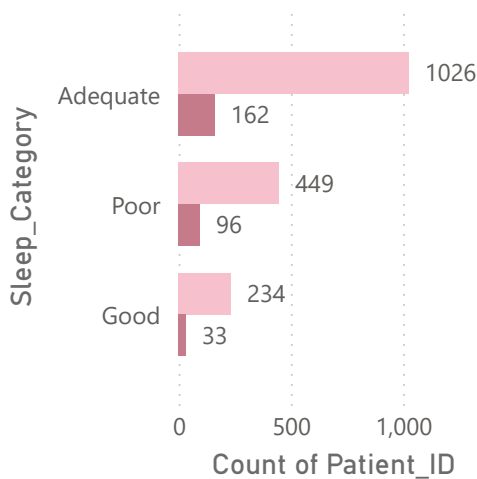
Symptom Severity Comparison (Acne vs Hair Fall)

● Average of Acne_se... ● Average of H...



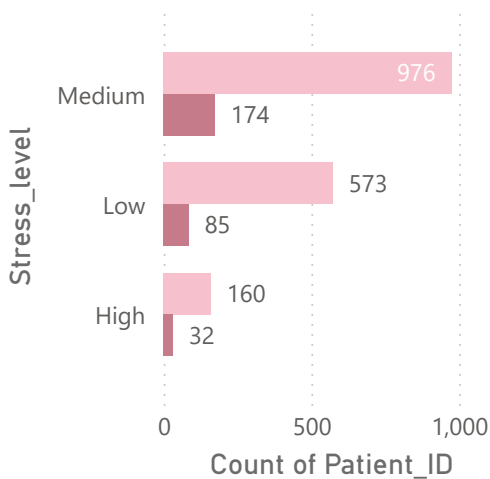
Sleep Quality Distribution by PCOS Status

PCOS_... ● No ● Yes



Stress Levels Among PCOS and Non-PCOS Patients

PCOS_... ● No ● Yes



Age Group

15

45



Key Insights

- PCOS patients show higher symptom severity across acne and hair fall
- Lower sleep quality and reduced physical activity are more common in PCOS
- Poor diet scores align with increased PCOS risk

Hormonal Profile Comparison & PCOS Risk Assessment

Mean LH Level
(mIU/mL)

6.74

Average of LH

Mean AMH Level
(ng/mL)

3.30

Average of AMH

Mean FSH Level
(mIU/mL)

5.65

Average of FSH

Mean Testosterone
(ng/mL)

0.77

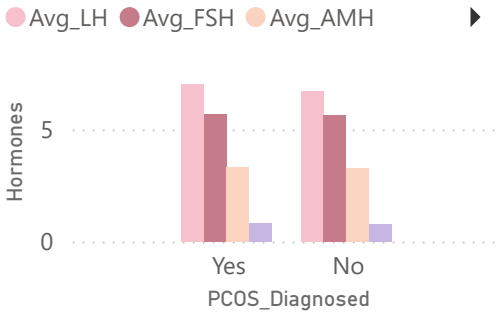
Average of Testosterone

Composite Hormonal
Risk Score

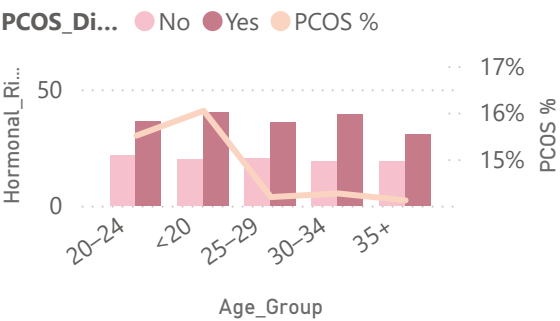
22.31

Hormonal_Risk_Score

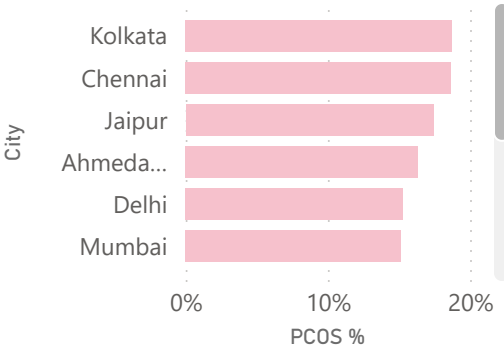
Hormonal Marker Comparison by PCOS Status



Age-wise Hormonal Risk & PCOS Prevalence



PCOS Prevalence by City



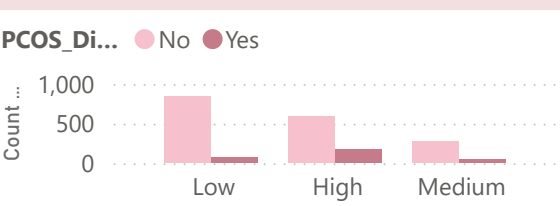
Summary of Key Hormonal Markers (Patient Averages)

Hormone	Patient Average
Testosterone	0.77
LH/FSH Ratio	1.19
LH	6.74
FSH	5.65
AMH	3.30

City-wise PCOS & Lifestyle Risk Profile

City	Total Patients	PCOS %
Ahmedabad	159	16.35%
Bangalore	148	10.81%
Chennai	155	10.67%

PCOS Distribution Across Hormonal Risk Bands



Select a City

City

☐ Ahmedabad

☐ Bangalore

☐ Chennai

☐ Delhi

Key Hormonal Insights

- PCOS patients demonstrate elevated LH and LH/FSH ratios
- Testosterone levels are higher among diagnosed patients
- Hormonal risk scores cluster in medium-to-high risk bands