

# **Random Forest Model Analysis**

**Total Records : 83,564**

**Test : 16,713**

**Train : 66,851**

**Test : Train = 0.2 : 0.8**

**Capable of classifying into 7 classes namely:**

Depression

Anxiety Disorders

Schizophrenia

Bipolar Disorder

Obsessive-Compulsive Disorder (OCD)

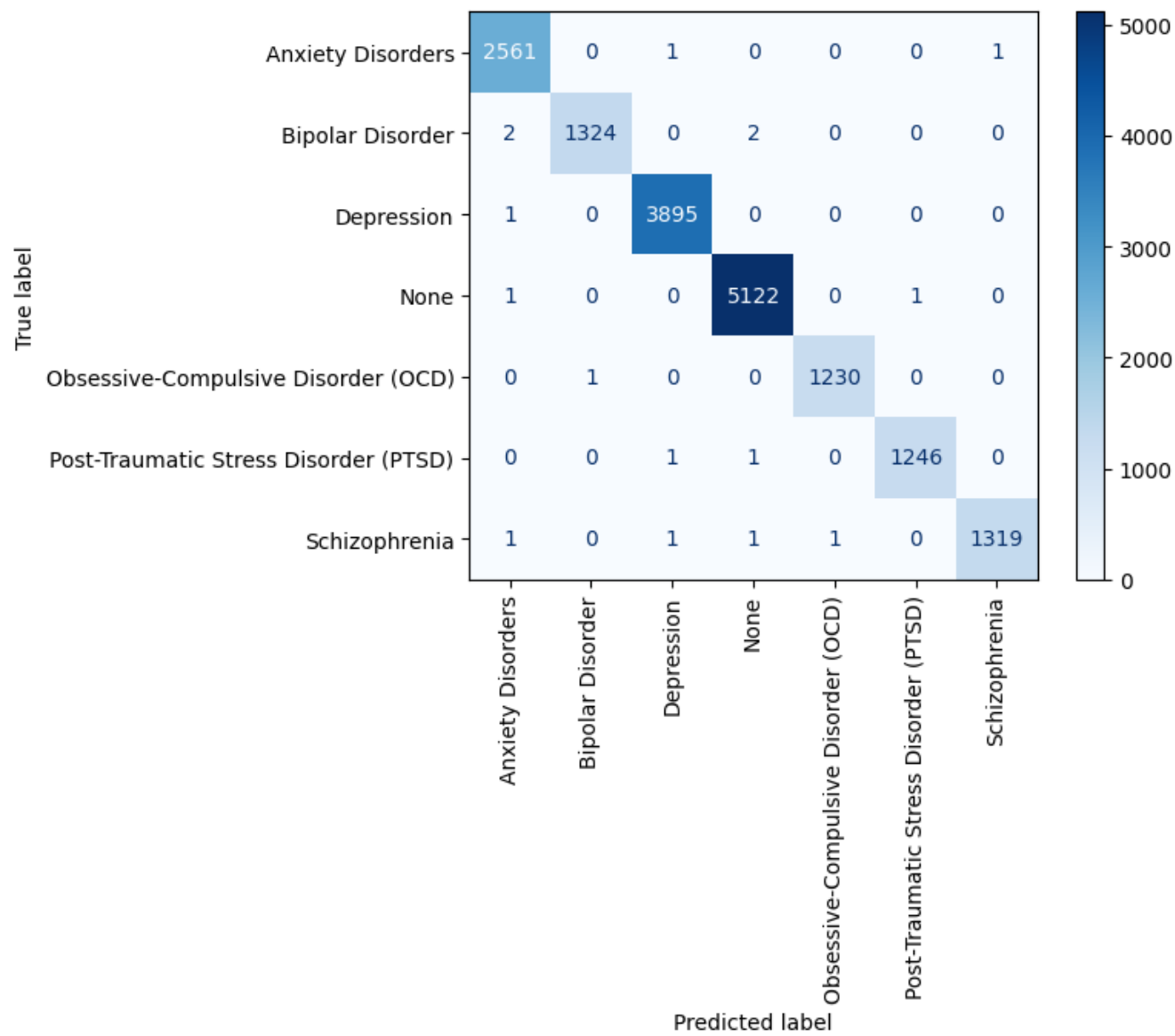
Post-Traumatic Stress Disorder (PTSD)

None

**Report :**

**Accuracy: 0.9990426614013044**

Confusion Matrix:



## Classification Report:

	Precision	Recall	F1-Score	support
Depression	1.00	1.00	1.00	3896
Anxiety Disorders	1.00	1.00	1.00	2563
Schizophrenia	1.00	1.00	1.00	1323
Bipolar Disorder	1.00	1.00	1.00	1328
Obsessive-Compulsive Disorder (OCD)	1.00	1.00	1.00	1231
Post-Traumatic Stress Disorder (PTSD)	1.00	1.00	1.00	1248
None	1.00	1.00	1.00	5124

Accuracy			1.00	16713
Macro Average	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>16713</b>
Weighted Average	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>16713</b>