

SmartInternz Externship



Date	09 November 2023
Externship Title	Data Analytics with IBM cognos Analytics
Project Name	Depression: A Common Mental Disorder

Team Members

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Registration Number: 21BEC7206

Name: Maddala Mahiyah

Email ID: mahiyah.21bec7214@vitapstudent.ac.in

Registration Number: 21BEC7214

Model Performance Testing:

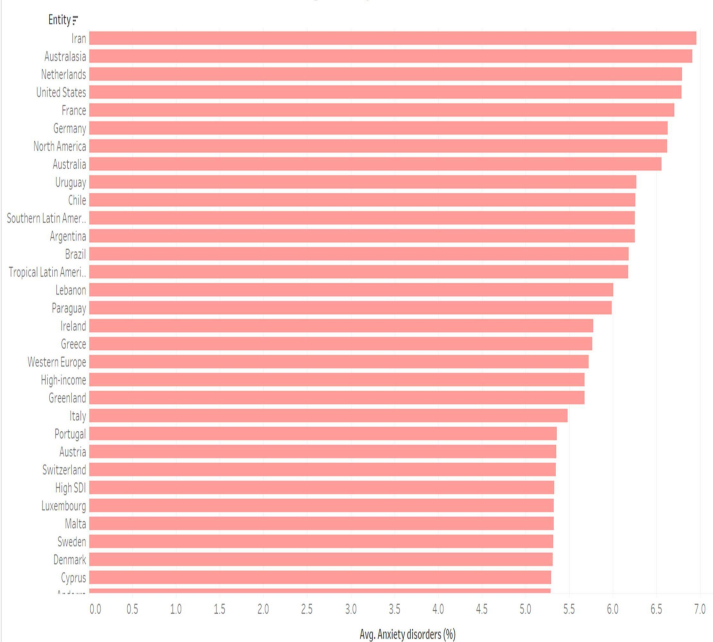
Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values																																																																																								
1.	Dashboard design	<div>No of Visualizations / Graphs – 08</div> <div><div>Average Alcohol Disorder %</div><table><thead><tr><th>Entity</th><th>Avg. Alcohol use disorders (%)</th></tr></thead><tbody><tr><td>Russia</td><td>5.0</td></tr><tr><td>Eastern Europe</td><td>4.9</td></tr><tr><td>Estonia</td><td>4.8</td></tr><tr><td>Ukraine</td><td>4.7</td></tr><tr><td>Lithuania</td><td>4.6</td></tr><tr><td>Latvia</td><td>4.5</td></tr><tr><td>Moldova</td><td>4.4</td></tr><tr><td>Central Europe, East...</td><td>4.3</td></tr><tr><td>Kazakhstan</td><td>4.2</td></tr><tr><td>Mongolia</td><td>4.1</td></tr><tr><td>Scotland</td><td>4.0</td></tr><tr><td>Greenland</td><td>3.9</td></tr><tr><td>Kyrgyzstan</td><td>3.8</td></tr><tr><td>Bosnia and Herzego...</td><td>3.7</td></tr><tr><td>Finland</td><td>3.6</td></tr><tr><td>Brazil</td><td>3.5</td></tr><tr><td>El Salvador</td><td>3.4</td></tr><tr><td>Tropical Latin Ameri...</td><td>3.3</td></tr><tr><td>Turkmenistan</td><td>3.2</td></tr><tr><td>Guatemala</td><td>3.1</td></tr><tr><td>Central Asia</td><td>3.0</td></tr><tr><td>Slovakia</td><td>2.9</td></tr><tr><td>Chile</td><td>2.8</td></tr><tr><td>Paraguay</td><td>2.7</td></tr><tr><td>Bhutan</td><td>2.6</td></tr><tr><td>Rwanda</td><td>2.5</td></tr><tr><td>Azerbaijan</td><td>2.4</td></tr><tr><td>Slovenia</td><td>2.3</td></tr><tr><td>United States Virgin ...</td><td>2.2</td></tr><tr><td>Tajikistan</td><td>2.1</td></tr><tr><td>Saint Vincent and th...</td><td>2.0</td></tr></tbody></table></div> <div><div>Average Drug User Disorder %</div><table><thead><tr><th>Entity</th><th>Avg. Drug use disorders (%)</th></tr></thead><tbody><tr><td>Afghanistan</td><td>5.0</td></tr><tr><td>Lebanon</td><td>5.0</td></tr><tr><td>New Zealand</td><td>4.8</td></tr><tr><td>Iran</td><td>4.7</td></tr><tr><td>Libya</td><td>4.6</td></tr><tr><td>Australia</td><td>4.5</td></tr><tr><td>Scotland</td><td>4.4</td></tr><tr><td>Qatar</td><td>4.3</td></tr><tr><td>Canada</td><td>4.2</td></tr><tr><td>Australasia</td><td>4.1</td></tr><tr><td>Greenland</td><td>4.0</td></tr></tbody></table></div>	Entity	Avg. Alcohol use disorders (%)	Russia	5.0	Eastern Europe	4.9	Estonia	4.8	Ukraine	4.7	Lithuania	4.6	Latvia	4.5	Moldova	4.4	Central Europe, East...	4.3	Kazakhstan	4.2	Mongolia	4.1	Scotland	4.0	Greenland	3.9	Kyrgyzstan	3.8	Bosnia and Herzego...	3.7	Finland	3.6	Brazil	3.5	El Salvador	3.4	Tropical Latin Ameri...	3.3	Turkmenistan	3.2	Guatemala	3.1	Central Asia	3.0	Slovakia	2.9	Chile	2.8	Paraguay	2.7	Bhutan	2.6	Rwanda	2.5	Azerbaijan	2.4	Slovenia	2.3	United States Virgin ...	2.2	Tajikistan	2.1	Saint Vincent and th...	2.0	Entity	Avg. Drug use disorders (%)	Afghanistan	5.0	Lebanon	5.0	New Zealand	4.8	Iran	4.7	Libya	4.6	Australia	4.5	Scotland	4.4	Qatar	4.3	Canada	4.2	Australasia	4.1	Greenland	4.0
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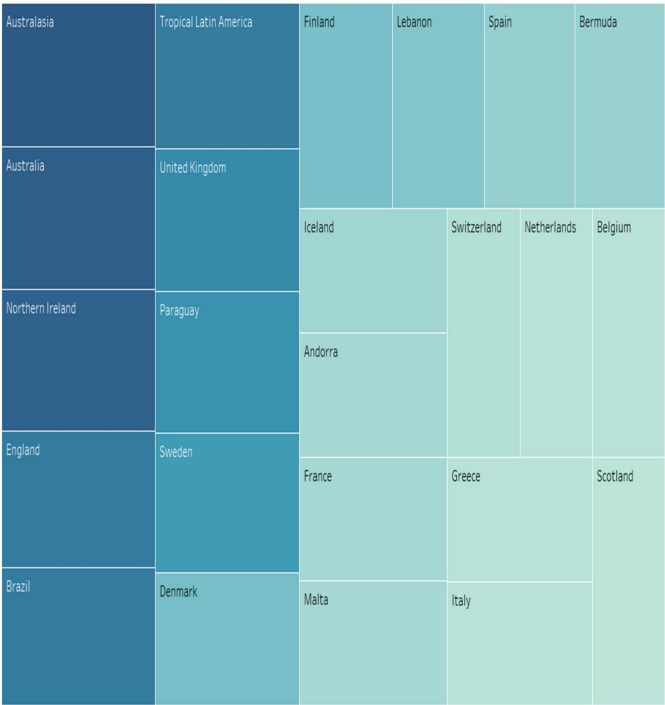
Average Eating Disorder %



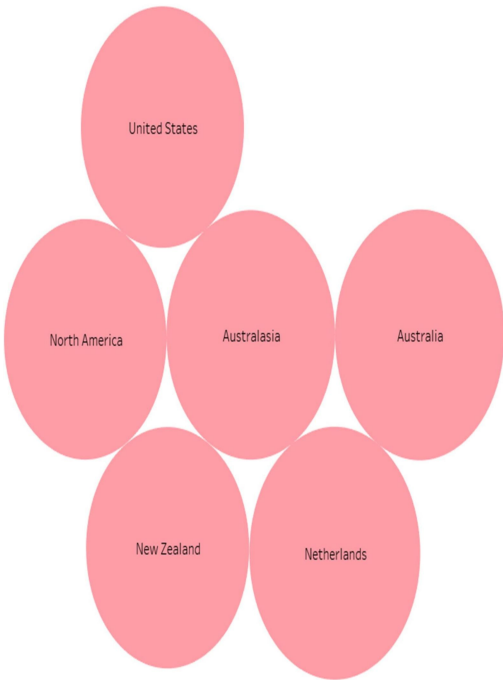
Avg Anxiety Disorder %



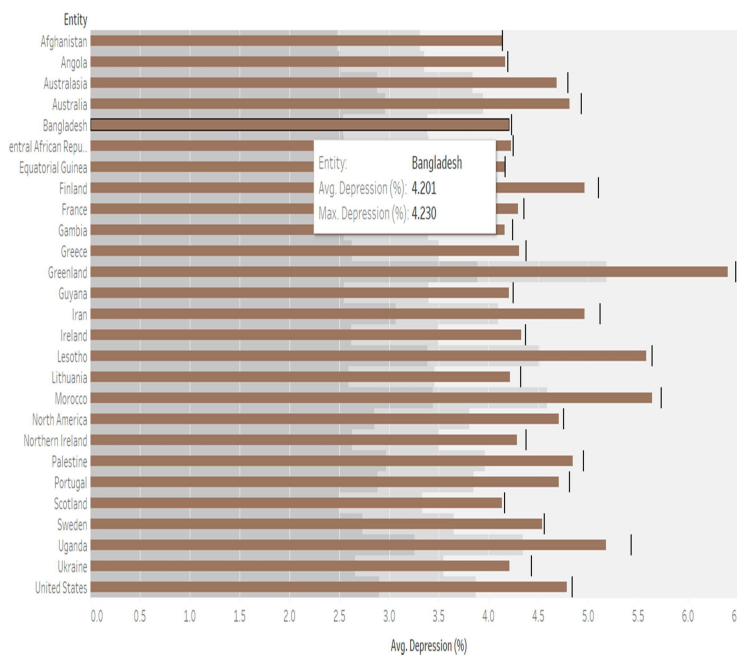
Avg Bipolar Disorder %



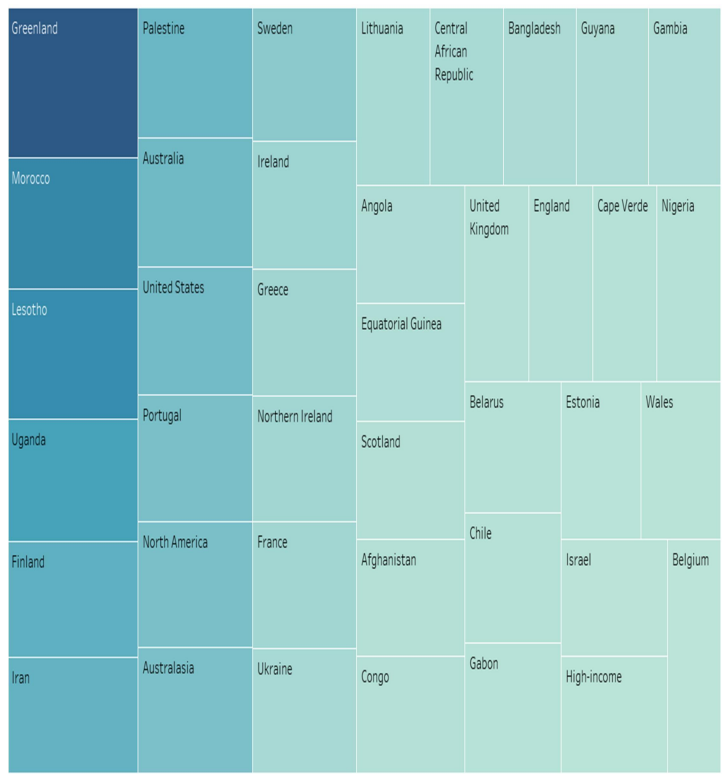
Avg Schizophrenia Disorder %



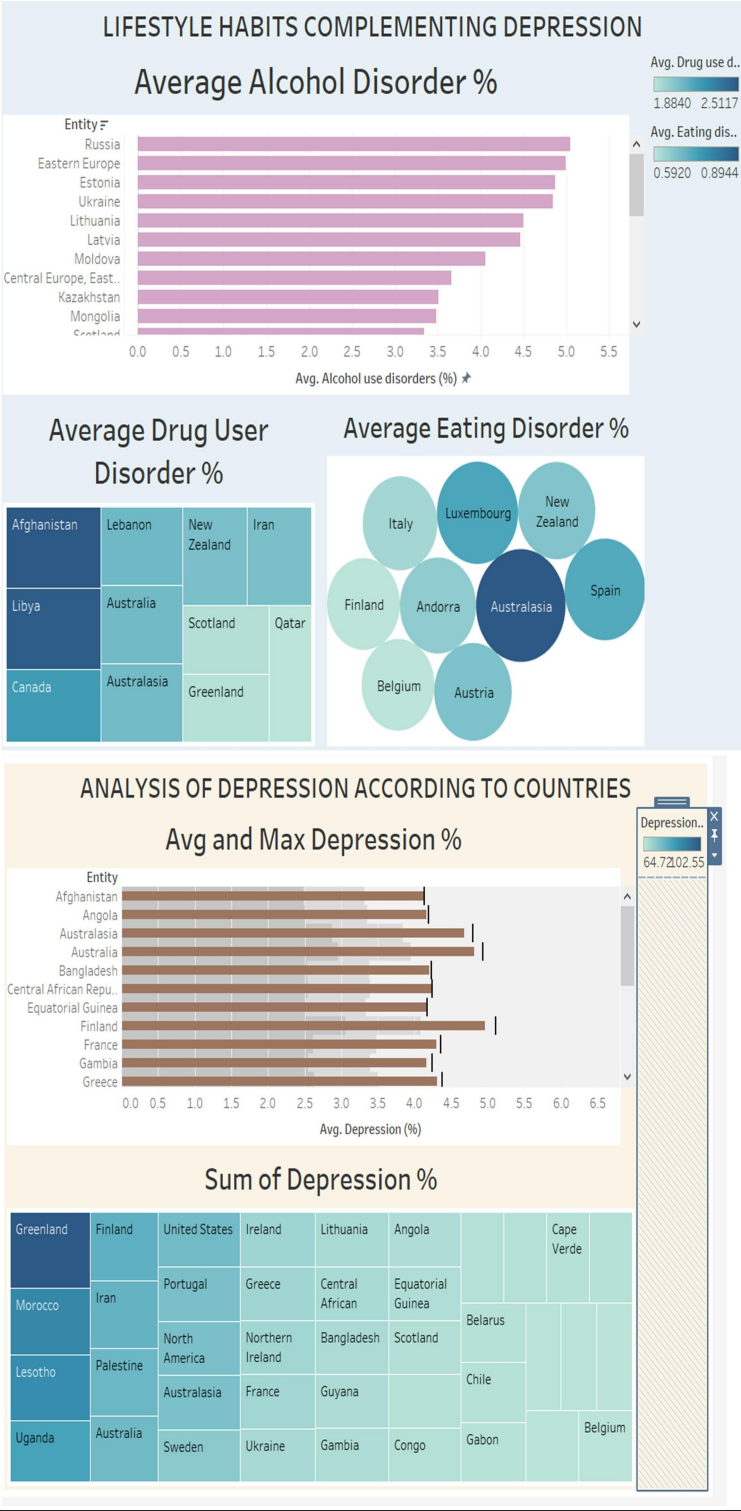
Avg and Max Depression %



Sum of Depression %

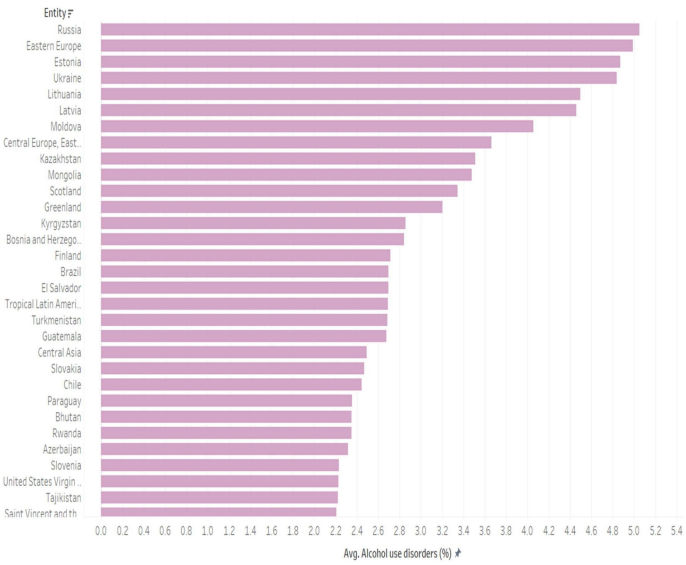


Dashboard – 03

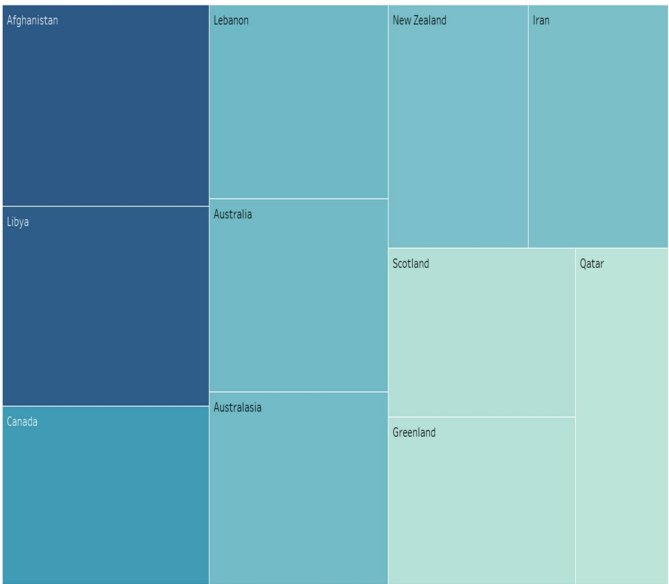


		<div><div><div><div>MENTAL DISORDER COMPLEMENTING DEPRESSION</div><div>Avg Anxiety Disorder %</div><div><div>Avg. Bipolar disorder..</div><div>0.94311.1567</div></div><div>Entity</div><div><div><div>Iran</div><div>Australasia</div><div>Netherlands</div><div>United States</div><div>France</div><div>Germany</div><div>North America</div><div>Australia</div><div>Uruguay</div><div>Chile</div><div>Southern Latin Amer...</div></div><div><div>0.00.51.01.52.02.53.03.54.04.55.05.56.06.57.0</div><div>Avg. Anxiety disorders (%)</div></div></div></div><div><div>Avg Bipolar Disorder %</div><div><div><div>Australia</div><div>Paraguay</div><div>England</div><div>Brazil</div><div>Andorra</div><div>Sweden</div><div>France</div><div>Denmark</div><div>Malta</div><div>Greece</div><div>Italy</div></div></div></div><div><div>Avg Schizophrenia Disorder %</div><div><div><div>United States</div><div>North America</div><div>Australia</div><div>New Zealand</div></div></div></div></div></div>
2.	Data Responsiveness	TRUE
3.	Amount Data to Rendered (DB2 Metrics)	All of the data - 6469x11 records
4.	Utilization of Data Filters	No of Filters – 04

Average Alcohol Disorder %



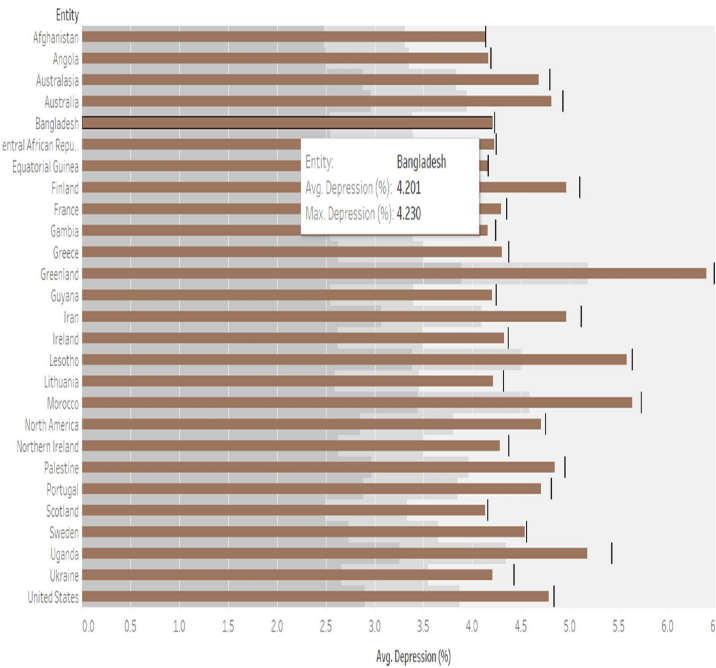
Average Drug User Disorder %



Average Eating Disorder %



Avg and Max Depression %



5.	Effective User Story	<div>No of Scene Added – 01</div> <div>ANALYSIS OF DEPRESSION AMONG THE COUNTRIES</div> <div><div><</div><div>The visualization shows average</div><div>The visualization shows average</div><div>Add a caption</div><div>></div></div> <div><div>Afghanistan</div><div>Lebanon</div><div>New Zealand</div><div>Iran</div><div>Libya</div><div>Australia</div><div>Scotland</div><div>Qatar</div><div>Canada</div><div>Australasia</div><div>Greenland</div></div> <div>Avg. Drug use disor... 1.88402.5117</div>
6.	Descriptive Reports	No of Visulizations / Graphs - 8