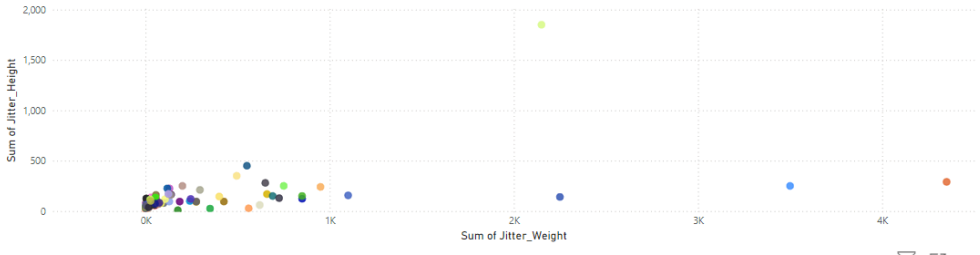
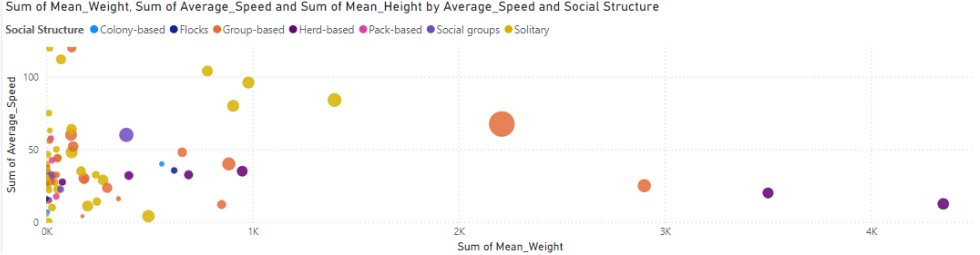


Name:	Deepraj Sujit Kadam
UID:	2021600029
Experiment No:	06
Batch:	B
Aim:	To design interactive dashboards using Power BI for visualizing and analyzing an Animal/Wildlife/Marine dataset, employing both basic and advanced charts to uncover insights and trends.
Dataset link:	https://www.kaggle.com/datasets/iamsouravbanerjee/animal-information-dataset
Results / Outputs	

	<div><div><div>Sum of Jitter_Weight and Sum of Jitter_Height by Animal</div><div><div>Animal</div><div><div>Aardvark</div><div>Aardwolf</div><div>African ...</div><div>African ...</div><div>African ...</div><div>Alpine L...</div><div>America...</div><div>Anteater</div><div>Arabian ...</div><div>Arabian ...</div><div>Arctic Fox</div><div>Asian EL...</div><div>Atlantic ...</div><div>Atlantic ...</div><div>Australi...</div></div></div><div><div>Sum of Mean_Weight, Sum of Average_Speed and Sum of Mean_Height by Average_Speed and Social Structure</div><div><div>Social Structure</div><div><div>Colony-based</div><div>Flocks</div><div>Group-based</div><div>Herd-based</div><div>Pack-based</div><div>Social groups</div><div>Solitary</div></div></div></div></div></div>
Conclusion	<p>The visualizations give a clear overview of the animal dataset, showing important patterns between physical traits like weight, speed, and lifespan, and factors such as conservation status, diet, and habitat. The charts highlight that most animals fall under the "Least Concern" category, while fewer are "Extinct" or "Critically Endangered." Carnivores and herbivores show different trends in terms of weight and risk levels. The habitat breakdown points out that rainforests and grasslands are home to the most animals. Social behavior, like living in groups or alone, also affects these traits. Overall, these charts make it easier to understand the key factors influencing animal characteristics and their conservation needs.</p>