



Bharatiya Vidya Bhavan's  
**SARDAR PATEL INSTITUTE OF TECHNOLOGY**

## **Advanced Data Visualization**

### **Experiment no. 6**

#### **Submitted To**

Prof. Pranav Nerurkar

#### **Submitted By**

Name : Mohit Narwaiye

Class : COMPS B

Batch : A

UID : 2021300085



## **1. Dataset**

Can view the dataset here

[https://github.com/dmo-27/ADV\\_experiments/blob/main/Animal%20Dataset%20Cleaned.csv](https://github.com/dmo-27/ADV_experiments/blob/main/Animal%20Dataset%20Cleaned.csv)

## **2. Description**

The Animal Dataset Cleaned contains structured information on various animal species, tailored for machine learning applications. It has been preprocessed to remove inconsistencies, missing values, and redundancies, providing a standardized and clean dataset for analysis and modeling tasks.

## **3. Metadata**

Species: Categorical identifier of the animal species.

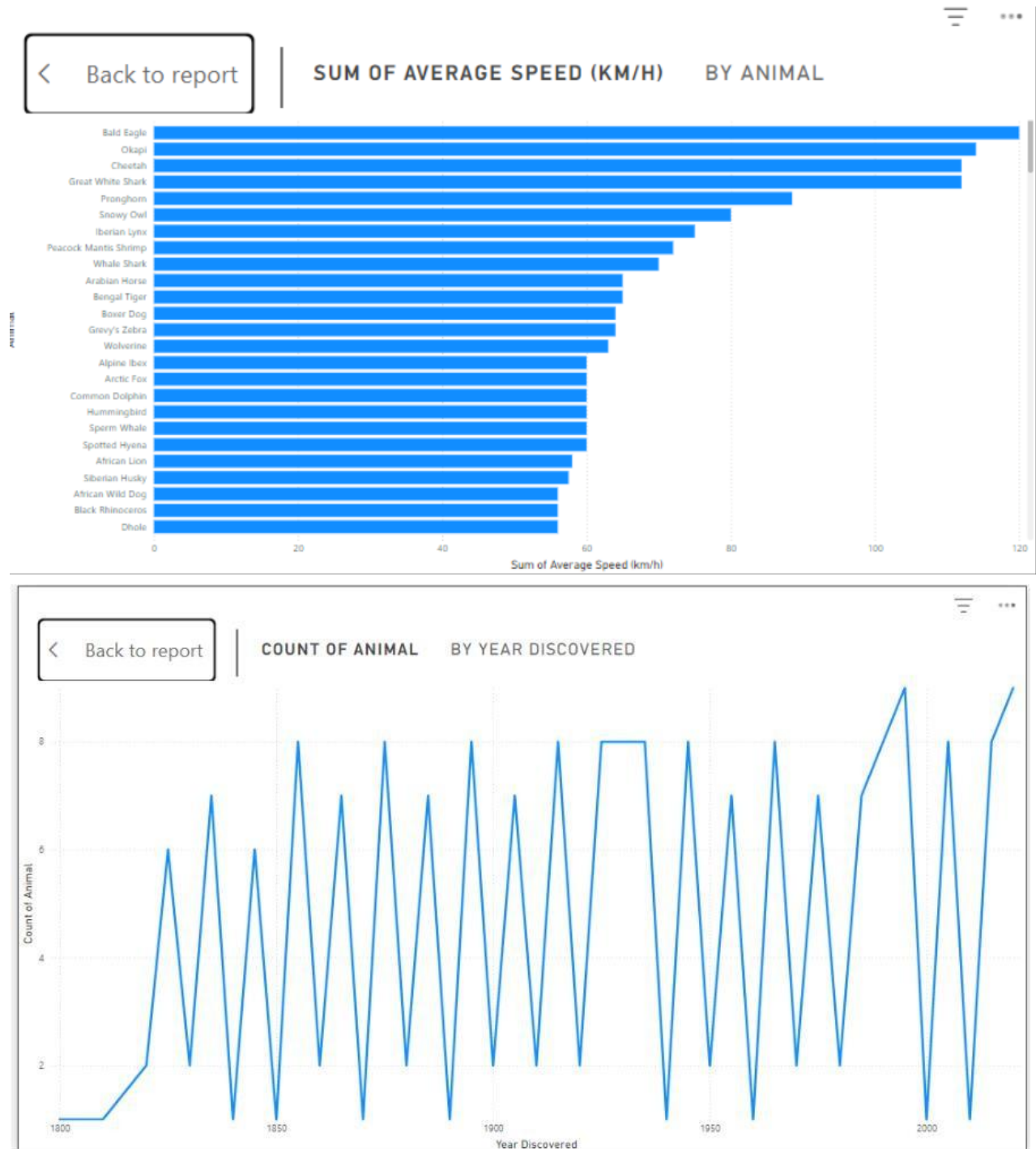
Habitat: Habitat type where the species is commonly found (e.g., forest, marine).

Diet: Type of diet (e.g., herbivore, carnivore, omnivore).

Size/Weight: Numerical values representing the physical characteristics of each species.

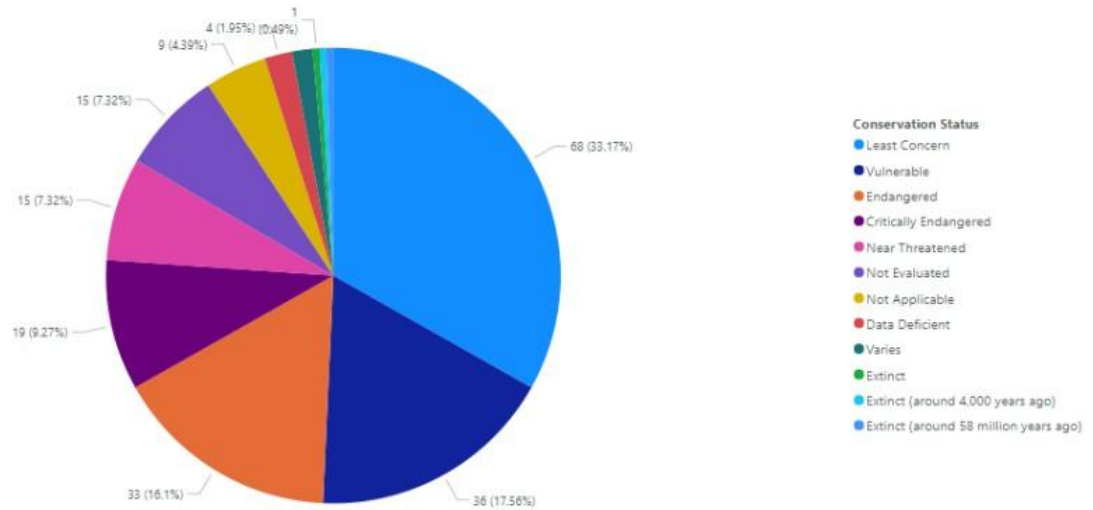
Other Distinguishing Features: Additional attributes specific to certain species, such as fur type, limb count, or other biological markers, depending on dataset specifics.

#### 4. Visualizations and Observations



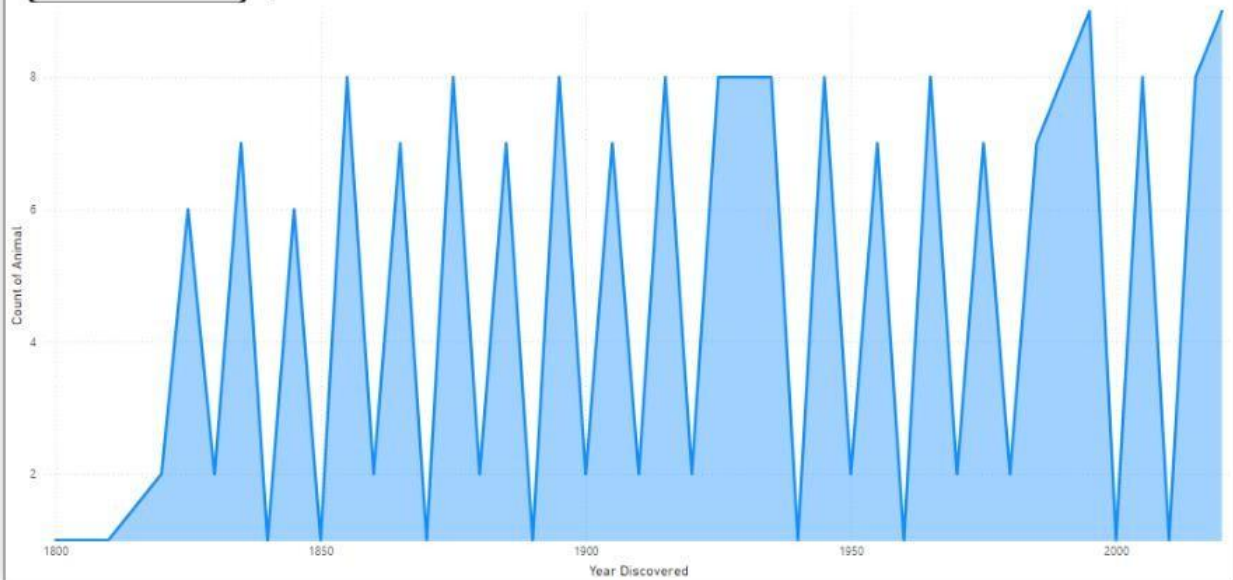
[Back to report](#)

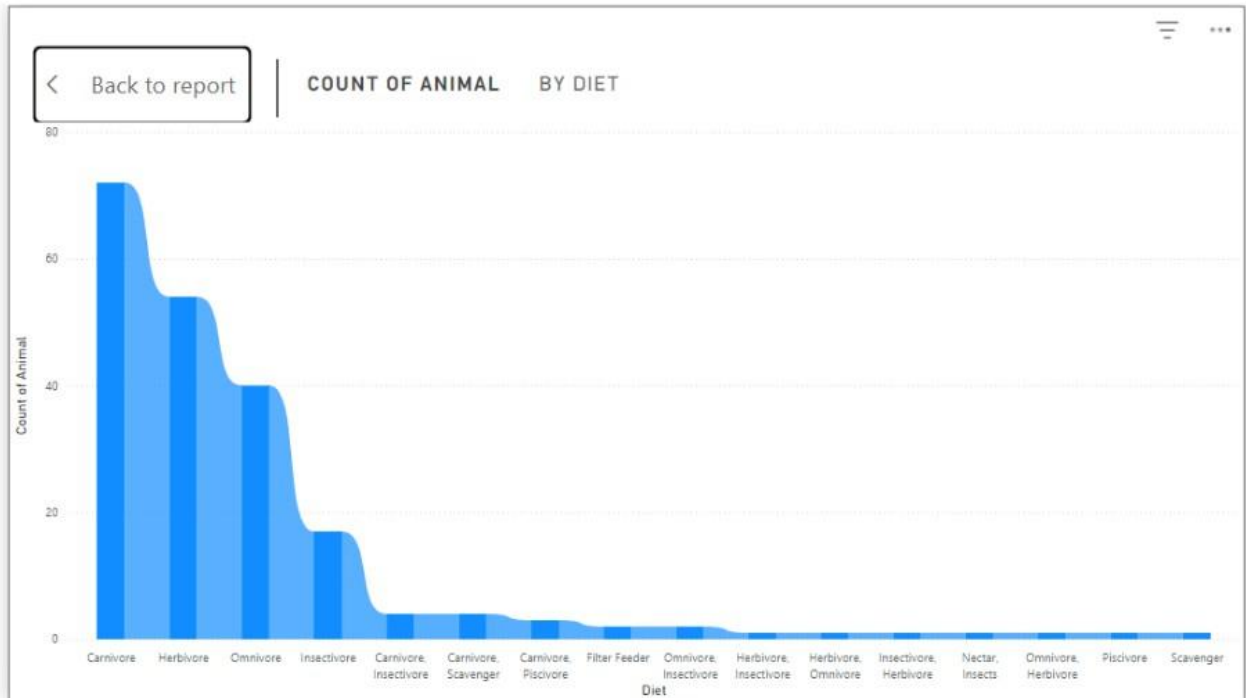
### COUNT OF ANIMAL BY CONSERVATION STATUS



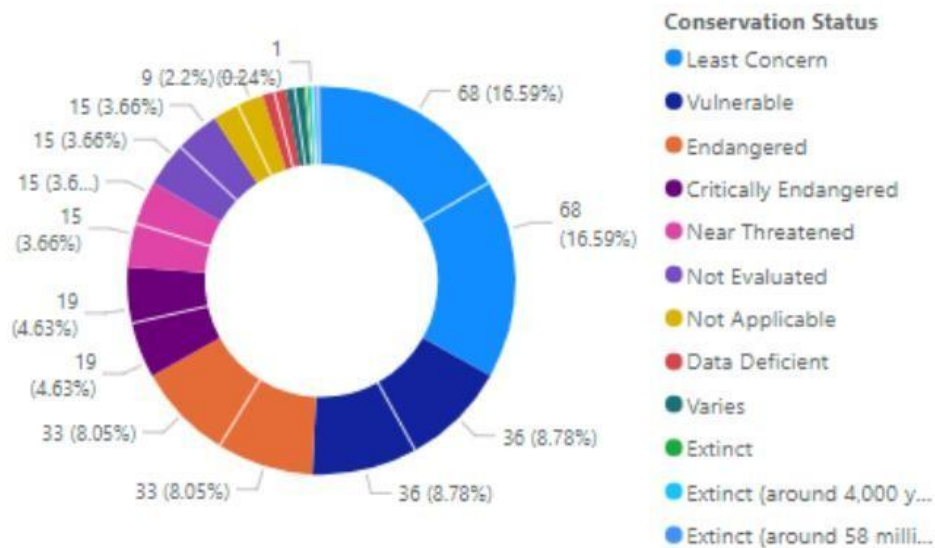
[Back to report](#)

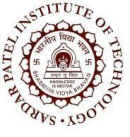
### COUNT OF ANIMAL BY YEAR DISCOVERED





Count of Animal and Count of Conservation Status by Conservation Status





Bharatiya Vidya Bhavan's  
**SARDAR PATEL INSTITUTE OF TECHNOLOGY**

---