CMSC320 Project 1st Deliverable

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GitHub Repository: https://github.com/thejameszhang/cmsc320-project

Dataset

We want to use the following dataset about Aircraft Wildlife Strikes. Since both of us love wildlife and hate to see horrible accidents like the ones described in the dataset, our motivational goal is to try and learn more about the details of these accidents. Furthermore, the dataset is rather large, giving us lots of data to play with. It has over 288,000 rows and 100 columns. From a technical standpoint, we want to use data science techniques to learn more about where, why, and how these accidents happen, and we can do this through explanatory statistics, data visualization, basic neural networks models, dimensionality reduction, regressions, clustering, and more.

https://www.kaggle.com/datasets/dianaddx/aircraft-wildlife-strikes-1990-2023