

DEFCON Level Dataset

Content

- Military conflict is an intense state of violence.
 - In such situations, it is crucial for a nation to stay alert, cope with it, and mitigate its implications.
- A country has set up the DEFCON (Defense Readiness Condition) warning system.
 - This alert system is used to gauge the level of alertness of the defense forces.
 - It consists of five levels of readiness for the military forces to be prepared for the consequences of the conflict.
 - The DEFCON system allows the nation's forces to be a step ahead of its rivals.
- You are given a synthesized data that can be used to build a model that can accurately predict the DEFCON level raised as a result of the conflict.
- The data is present in a single csv file:
 - defcon_level.csv - Dataset consisting of approximately 10,000 data samples.

Data Description:

| Column | Description |
|------------------------------|---|
| Allied_Nations | The number of nations that have joined together as allies. |
| Diplomatic_Meetings_Set | The number of meetings with the intent to resolve the conflict that is planned. |
| Percent_Of_Forces_Mobilized | The percentage of forces mobilized. |
| Hostile_Nations | The number of enemy nations that have allied together. |
| Active_Threats | The number of situations or threats that require immediate attention. |
| Inactive_Threats | The number of situations or threats being monitored for activity or escalation. |
| Citizen_Fear_Index | The percentage of citizens who fear catastrophic military conflicts. |
| Closest_Threat_Distance(km) | The closest threat to the border of the country in question. |
| Aircraft_Carriers_Responding | The number of aircraft carriers actively traveling towards a threat to neutralize it. |

| Column | Description |
|-----------------------------|---|
| Troops_Mobilized(thousands) | The number of troops that are activated and responding to the threats being the most. |
| DEFCON_Level | A numeric scale of conflict 'seriousness' with 1 being the least serious and 5 being the most. (target variable) |
| ID | An ID to aid a checker script. |

Objective:

- This dataset is intended for multi-class classification tasks.
- Use this data set to train a model able to classify the different DEFCON levels based on certain conditions.