Authentic Dataset from NDAP-  
<https://ndap.niti.gov.in/dataset/7062?filter_id=4509>

Dataset Description:

* Entries: 53,625
* Columns: 10
* Data Coverage: Reservoir data across multiple districts and states in India.

Columns Overview

1. Country: All entries are from India.

2. State: Includes 20 states.

3. District: 117 districts are represented.

4. Year: Contains yearly data (e.g. Calendar Year 2020, 2021, etc. from 2011 to 2021 [10 years]).

5. Month: Monthly data points (125 unique values).

6. Reservoir Basin Name: 19 unique river basins (e.g., PENNAR, GANGA).

7. Reservoir Name: 429 unique reservoirs.

8. Full Reservoir Level (FRL) Capacity (BCM): Storage capacity in billion cubic meters

9. Reservoir Water Level (Meters): Actual water level

10. Reservoir Water Storage (BCM): Actual water storage

Value of the Dataset

* Water Resource Management: Provides historical and regional reservoir data crucial for water resource planning, drought management, and flood control.
* Policy Making: Enables policymakers to assess state-wise reservoir performance and plan interventions.
* Environmental Studies: Helps analyze climate change effects on water levels and storage.
* Data Science Use: Suitable for predictive modeling (e.g., forecasting reservoir levels), clustering, and trend analysis.

This dataset is as it:

Covers a large temporal (year, month) and spatial (state, district, reservoir) range.

Contains key hydrological indicators for understanding water availability.

Supports decision-making in agriculture, hydropower, and urban water supply sectors.