**FourCastNet v2-small Model**

1. File Format :

GRIB (standard format) downloaded from GFS (Global Forecast System).

* Converted to NetCDF (makes data easier to analyze).

1. Input Data :
   * Format : GRIB
   * Variables : 73 Atmospheric and surface variables
   * Spatial Resolution : Global 0.25 grid
   * Temporal Resolution : Data processed every 6 hours
2. Data Range :
   * + Input data Range : Jan 1, 2021 – Present
     + Forecast length : 10 days
     + Time step : 6 hours
3. Time period covered :

2 July, 2024 to 12 July, 2024

From the collab notebook,

date = “20240702” => initial condition ( start time )

Forecast\_lead = 240 => 240 hrs (10 days)