For week 41:

NY Power Ball: This analysis looks at the first five numbers of each Powerball drawing. The 6th ball or power ball is ignored in this analysis.

The first five numbers range from 1 to 69 and are reported in ascending order. Prior to 2015, the numbers on each ball ranged from 1 to 59, and that is evident in the timeline

The range for each number is as follows:

* First number (LOWEST): 1 to 65
* Second number (SECOND\_LOWEST): 2 to 66
* Third number (MEDIAN): 3 to 67
* Fourth number (SECOND HIGHEST): 4 to 68
* Fifth number (HIGHEST): 5 to 69

This histogram on the left shows the distribution of each number. The time plots on the right shows what the 5 values were over the years of 2010 to 20215.

The pulldown menus allow you to select the plotly visualization template, any of the 5 parameters listed above (LOWEST, SECOND\_LOWEST, MEDIAN, SECOND\_HIGHEST or HIGHEST), and the timelime plot window, which uses polars dynamic group by to consolidate by week, month, year, or None.

Hope you enjoy it. Here is a screenshot

A screenshot of a computer

AI-generated content may be incorrect.

Here is the code:

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