**About Dataset (This is all from the Kaggle page I got the data from.**

**Dataset Details:**

Data Set contains Cost Data for U.S. Airlines, 90 Observations On 6 Firms For 15 Years, 1970-1984

**Predictors:**

I = Airline,  
T = Year,  
Q = Output, in revenue passenger miles, index number,  
PF = Fuel price,  
LF = Load factor, the average capacity utilization of the fleet.

**Response:**

C = Total cost, in $1000,

**Acknowledgements and Credit**

These data are a subset of a larger data set provided to the author by Professor Moshe Kim.  
They were originally constructed by Christensen Associates of Madison, Wisconsin.

https://www.kaggle.com/datasets/sandhyakrishnan02/paneldata?resource=download

**General data layout:**

A screenshot of a computer screen

Description automatically generated

**Two model details (Panel techniques need to still be incorporated)**

A screen shot of a computer

Description automatically generated

A computer screen with white and yellow text

Description automatically generated

**Sampling:**

A screen shot of a computer program

Description automatically generated

Summaries after running:

A screenshot of a computer screen

Description automatically generated

A screenshot of a computer screen

Description automatically generated

**Posterior comparisons:**

A graph of a normal distribution

Description automatically generated

A graph of a normal distribution

Description automatically generated

A graph of a normal distribution

Description automatically generated

A diagram of a normal distribution

Description automatically generated