

# **Analysis and Prediction of effects of COVID-19 on Consumer Price Index of Indian Economy**

Consumer price indices (CPIs) are index numbers that track changes in the costs of products and services that households buy or otherwise get and use either directly or indirectly to fulfil their own needs and wants.

The consumer price index tracks changes in the prices of goods and services purchased by the average household. It is an important statistic for setting wages and prices, indexing pensions and social welfare payments, and making household saving and investment decisions.

Due to Covid 19 Pandemic the variations have been more erratic than they were previously, which increases academics' interest in spotting a pattern in a Consumer Price Index , the time-series data utilized in this case study for Consumer Price Index was retrieved from the website [data.gov.in](http://data.gov.in). The Main Objective is to Depict the trend of Consumer Price Index during the the COVID-19 Period. Predictions on the Consumer Price Index were made using data from multiple regression models and time series models.