

	YouTube Trending Video	Federal Reserve Interest Rate	S&P Stock Data
Data Purpose	<p>This dataset is a daily record of the top trending YouTube videos.</p> <ul style="list-style-type: none">Sentiment analysis in a variety of formsCategorising YouTube videos based on their comments and statistics.Training ML algorithms like RNNs to generate their own YouTube comments.Analysing what factors affect how popular a YouTube video will be.Statistical analysis over time.	<p>This dataset includes data on the economic conditions in the United States on a monthly basis since 1954. The federal funds rate is the interest rate at which depository institutions trade federal funds (balances held at Federal Reserve Banks) with each other overnight. The rate that the borrowing institution pays to the lending institution is determined between the two banks; the weighted average rate for all of these types of negotiations is called the effective federal funds rate.</p> <p>How does economic growth, unemployment, and inflation impact the Federal Reserve's interest rates decisions? How has the interest rate policy changed over time? Can you predict the Federal Reserve's next decision? Will the target range set in March 2017 be increased, decreased, or remain the same?</p>	<p>The data is presented in a couple of formats to suit different individual's needs or computational limitations. I have included files containing 5 years of stock data</p> <p>This dataset lends itself to a some very interesting visualizations. One can look at simple things like how prices change over time, graph an compare multiple stocks at once, or generate and graph new metrics from the data provided. From these data informative stock stats such as volatility and moving averages can be easily calculated. The million dollar question is: can you develop a model that can beat the market and allow you to make statistically informed trades!</p>
Data Types	<p>Data includes the video title, channel title, publish time, tags, views, likes and dislikes, description, and comment count.</p> <p>Data is Strings, Numeric, DateTime</p>	<p>Federal Funds Rate, Real GDP, Unemployment Rate, Inflation Rate</p> <p>Numeric, String</p>	<p>All the files have the following columns: Date - in format: yy-mm-dd Open - price of the stock at market open (this is NYSE data so all in USD). High, Low, Close, Volume</p>
Alternative Uses	Measurin	Identifying how changes in interest rates will impact GDP over the subsequent periods	Predict volumes based on historical patterns. Identify seasonality flows.
Interesting Fact	<p>Max Likes 3,093,544 Max Dislikes 1,674,420 Dislikes Avg 3,042, Median 332 Likes Avg 9011, Median 332</p>	<p>Max unemployment 10.8% Highest Growth 16.5%</p>	<p>AAL Median Volume 8,111,323 AAL Max Volume 137,767,165</p> <p>AAL American Airlines</p>
Plot / Relationship			