

Data Preparation and Cleaning

1. Import the libraries you need to work with DataFrames
 2. Read in badly formatted currency data
 - Examine the csv file `../Data/USD_CNY.csv` and notice how badly formatted it is.
 - Using the csv file `../Data/USD_CNY.csv`, load the data in and format it as follows
 - Make the Date Column the index
 - Change the format of the Price, Open, High and Low columns so that they are numeric and also do not have any currency symbols or commas (\$ and , are to be removed).
 - Remove the % symbol from the Change column and make this numeric so that 2.35% is represented by the value 2.35 (not 0.025)
 - Check for nulls and replace these with the preceding value.
 3. Test your changes by performing some simple checks
 - Use dtypes to view the data type of each column
 - Filter each column of `isnull()` and ensure nothing is returned
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