Here are most useful data cleaning functions in Pandas:  
  
✅ Handling Missing Values:  
  
↪ fillna(): Fills missing values with a specified value.   
↪ dropna(): Drops rows/columns with missing values.  
↪ interpolate(): Fills missing values using interpolation.  
   
✅ Data Type Conversion and Cleaning:  
  
↪ astype(): Converts data types of columns   
↪ to\_numeric(): Converts strings to numeric data types  
↪ applymap(): Applies a function for cleaning individual values.  
  
✅ String Manipulation and Cleaning:  
  
↪ str.strip(): Removes whitespaces from strings in a column.  
↪ str.lower(): Converts all characters in a string to lowercase.  
↪ str.replace(): Replaces specific characters in strings with desired values.  
  
✅ Data Exploration and Outlier Detection:  
  
↪ boxplot(): Visualizes the distribution of data  
↪ IQR(): Calculates the Interquartile Range using quantiles.  
↪ describe(): Generates summary statistics for numerical columns  
  
✅ Data Aggregation and Transformation:  
  
↪ groupby(): Groups data by specific columns  
↪ resample(): Resamples time series data at different frequencies   
↪ pivot\_table(): Summarizes data with various aggregation functions  
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