



Data Visualization with Python

Data Preprocessing Tasks in Pandas

Method	Description	Example
<code>pd.read_csv('filename.csv')</code>	Read data from a CSV file into a Pandas DataFrame	<code>df_can=pd.read_csv('data.csv')</code>
<code>df.dropna()</code>	Drop rows with missing values	<code>df_can.dropna()</code>
<code>df.fillna(value)</code>	Fill missing values with a specified value	<code>df_can.fillna(0)</code>
<code>df.drop_duplicates()</code>	Remove duplicate rows	<code>df_can.drop_duplicates()</code>
<code>df.rename(columns={'old_name': 'new_name'})</code>	Rename one or more columns	<code>df_can.rename(columns={'Age': 'Years'})</code>
<code>df['column_name']</code> or <code>df.column_name</code>	Select a single column	<code>df_can.Age</code> or <code>df_can['Age']</code>
<code>df[['col1', 'col2']]</code>	Select multiple columns	<code>df_can[['Name', 'Age']]</code>