In [1]:	<pre>import pandas as pd import numpy as np import matplotlib.pyplot as plt import seaborn as sns</pre>
In [4]:	<pre>#loading Data data1 = pd.read_csv("titanic.csv")</pre>
In [5]:	data1.head()
	Passengerid Age Fare Sex sibsp zero zero.1 zero.2 zero.3 zero.4 zero.12 zero.13 zero.14 Pclass zero.15 zero.16 Embarked zero.17 zero.18 zero.18 zero.18 zero.18 zero.17 zero.18 zero.18 zero.19 zero.18 zero.19 ze
<pre>In [6]: Out[6]:</pre>	data1.tail() Passengerid Age Fare Sex sibsp zero zero.1 zero.2 zero.3 zero.4 zero.12 zero.13 zero.14 Pclass zero.15 zero.16 Embarked zero.17 zero.18 2urvived
	1304
<pre>In [7]: Out[7]:</pre>	data1.shape (1309, 28)
In [8]:	<pre>data1.isnull()</pre>
	Passengerid Age Face Size size zero. zero.3 zero.4 zero.13 zero.14 Pclass zero.15 zero.15 zero.15 zero.16 zero.16 zero.16 zero.16 zero.17 zero.16 zero.17 zero.16 zero.17 zero.16 zero.17 zero.16 zero.17 zero.18 zero.16 zero.17 zero.18 zero.17 zero.18 zero.17 zero.18
	1309 rows × 28 columns
	Description of the property of
111 [12]:	<pre>sns.heatmap(data1.isnull()) plt.title("HEAT MAP") plt.show()</pre>
	HEAT MAP -10 -10 -10 -10 -10 -10 -10 -1
In [14]:	<pre>sns.lineplot(data=data1, x="Age", y="Embarked") plt.title("LINE PLOT") plt.show()</pre>
	LINE PLOT 200 175 150 075 075 075 075 075 075 075 075 075 0
In [15]:	<pre>sns.barplot(data=data1, x="Age", y="Embarked") plt.title("BAR PLOT") plt.show()</pre>
	BAR PLOT 175 - 150 - 9 125 - 0.75 - 0.50 - 0.25 - 0.00 - 0.00 -
In [16]:	<pre>plt.figure(figsize=(6,6)) sns.scatterplot(x='Pclass', y='Age', data=data1) plt.title("SCATTER PLOT") plt.chow()</pre>
	SCATTER PLOT 60 70 60 70 100 125 150 175 200 225 225 225 275 300
In [17]:	Pclass sns.catplot(data=data1, x='Age', y='Pclass')
	plt.title("CAT PLOT") plt.show() CAT PLOT 300 2.75 2.50 2.25 1.75 1.75 1.50 1.75 1.00 1.75
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