🧹 Data Cleaning & Missing Value Handling

Step 2: Improve data quality before transformation

Rows	Columns	Total Missing Values
891	**12**	**0**

📋 Missing Values by Column

	Column	Missing Count	Missing %
		empty	

🧩 Column-wise Missing Value Filling

🎉 No missing values detected.

🗑️ Row-Level Cleaning

☐ Drop rows with missing values   ☑ Drop duplicate rows   ☑ Reset index

Apply Row Cleaning

Rows (After)	Columns (After)	Remaining Missing Values
891	**12**	**0**

	PassengerId	Survived	Pclass	Name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embarked
0	1	0	3	Braund, Mr. Owen Harris	male	22	1	0	A/5 21171	7.25	C85	S
1	2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Thayer)	female	38	1	0	PC 17599	71.2833	C85	C
2	3	1	3	Heikkinen, Miss. Laina	female	26	0	0	STON/O2. 3101282	7.925	C123	S
3	4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35	1	0	113803	53.1	C123	S
4	5	0	3	Allen, Mr. William Henry	male	35	0	0	373450	8.05	E46	S

ℹ️ Cleaning is user-controlled and column-specific.