📊 Automated Data Quality Checker

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📄 sample_employee_data.csv 287.0B   ✕

Preview of Uploaded Data

	Employee_ID	Name	Department	Salary	Joining_Date	Performance_Score
0	1001	Alice	Sales	50000	2022-01-10	3.5
1	1002	Bob	HR	55000	2021-12-05	4.2
2	1003	Charlie	HR	None	2022-02-01	3.8
3	1004	David	None	62000	2022-03-15	2.9
4	1005	Eve	Sales	300000	2022-01-20	5

🧹 Null Values

	Null Count	% Null
Employee_ID	0	0
Name	0	0
Department	1	16.67
Salary	1	16.67
Joining_Date	0	0
Performance_Score	0	0

📋 Duplicate Rows

Total duplicate rows: 1

🟦 Data Types

	Data Type
Employee_ID	int64
Name	object
Department	object
Salary	float64
Joining_Date	object
Performance_Score	float64

🔢 Unique Values (Cardinality)

	Unique Values
Employee_ID	5
Name	5
Department	2
Salary	4
Joining_Date	5
Performance_Score	5

📊 Summary Statistics

	Employee_ID	Name	Department	Salary	Joining_Date	Performance_Score
count	6	6	5	5	6	6
unique	None	5	2	None	5	None
top	None	Alice	Sales	None	2022-01-10	None
freq	None	2	3	None	2	None
mean	1002.6667	None	None	103400	None	3.8167
std	1.633	None	None	110012.7265	None	0.7195
min	1001	None	None	50000	None	2.9
25%	1001.25	None	None	50000	None	3.5
50%	1002.5	None	None	55000	None	3.65
75%	1003.75	None	None	62000	None	4.1

🚨 Outliers

	Outlier Count
Employee_ID	0
Salary	1
Performance_Score	1

👨‍💻 **Made by [Ritesh Meshram](#) with ❤️ using Streamlit**

	Employee_ID	Name	Department	Salary	Joining_Date	Performance_Score
count	6	6	5	5	6	6
unique	None	5	2	None	5	None
top	None	Alice	Sales	None	2022-01-10	None
mean	1002.6667	None	None	103400	None	
std	1.633	None	None	110012.7265	None	