

Data Quality Assessment Report

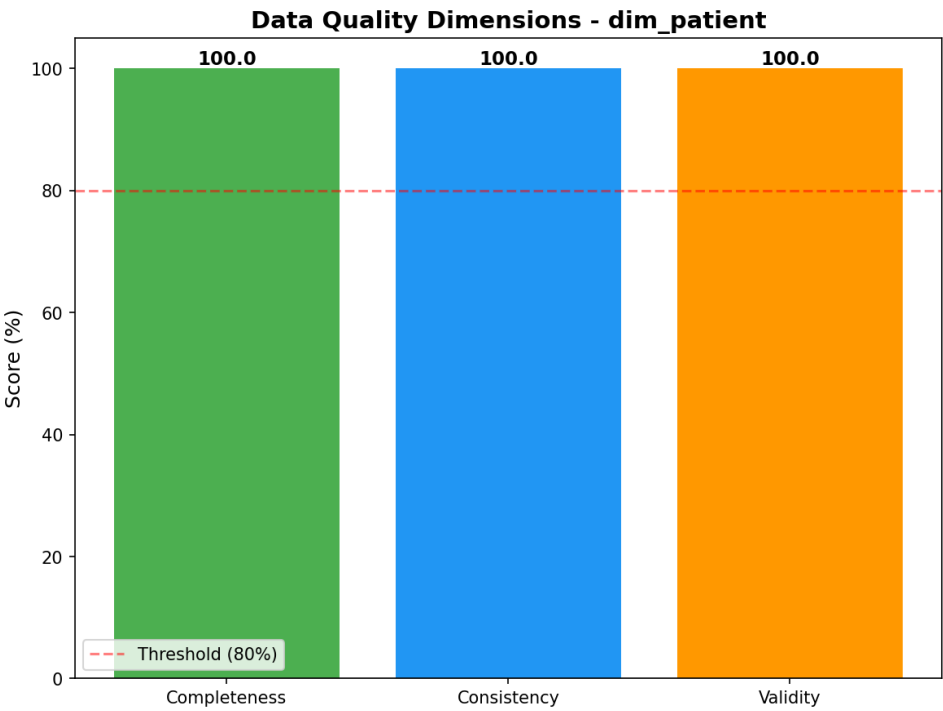
Dataset: dim_patient

Generated: 2025-10-17 09:46:30

Executive Summary

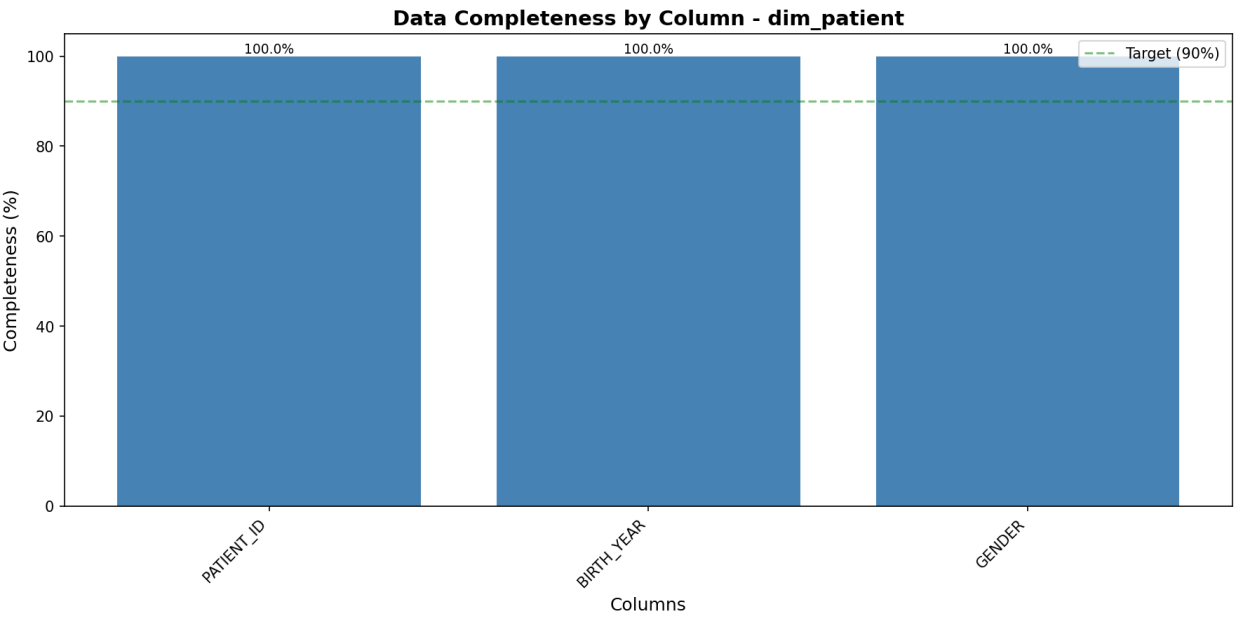
Metric	Value
Overall Quality Score	100.0%
Quality Grade	A (Excellent)
Total Records	4,020
Total Columns	3
Completeness Score	100.0%
Consistency Score	100.0%
Validity Score	100%

Data Quality Visualization



1. Data Completeness Analysis

Column	Total Records	Non-Null	Null Count	Null %	Completeness
PATIENT_ID	4,020	4,020	0	0.0%	100.0%
BIRTH_YEAR	4,020	4,020	0	0.0%	100.0%
GENDER	4,020	4,020	0	0.0%	100.0%



2. Data Consistency Analysis

Duplicate Records: 0 (0.0%)

No format issues detected.

3. Data Validity Analysis

Column	Data Type	Unique Values	Unique %
PATIENT_ID	int64	4,020	100.0%
BIRTH_YEAR	int64	86	2.14%
GENDER	object	2	0.05%

Statistical Summary for Numeric Columns

Column	Min	Max	Mean	Median	Std Dev	Outliers
PATIENT_ID	1	4020	2010.5	2010.5	1160.62	0 (0.0%)
BIRTH_YEAR	1937	2022	1975.25	1974.0	23.78	0 (0.0%)