

01 Data Understanding Report

Canada ↔ Brazil Trade Project

Imports and Exports Profiling

Generated: 2026-04-03 16:40

Executive Summary

- Import dataset: 72,320 rows and 14 columns
- Export dataset: 17,092 rows and 14 columns
- Import zero-quantity rows: 31,152 (43.08%)
- Export zero-quantity rows: 10,882 (63.67%)
- Import duplicates: 0 (0.0%)
- Export duplicates: 0 (0.0%)
- Import unit_price outliers: 6,726 (16.34%)
- Export unit_price outliers: 1,166 (18.78%)

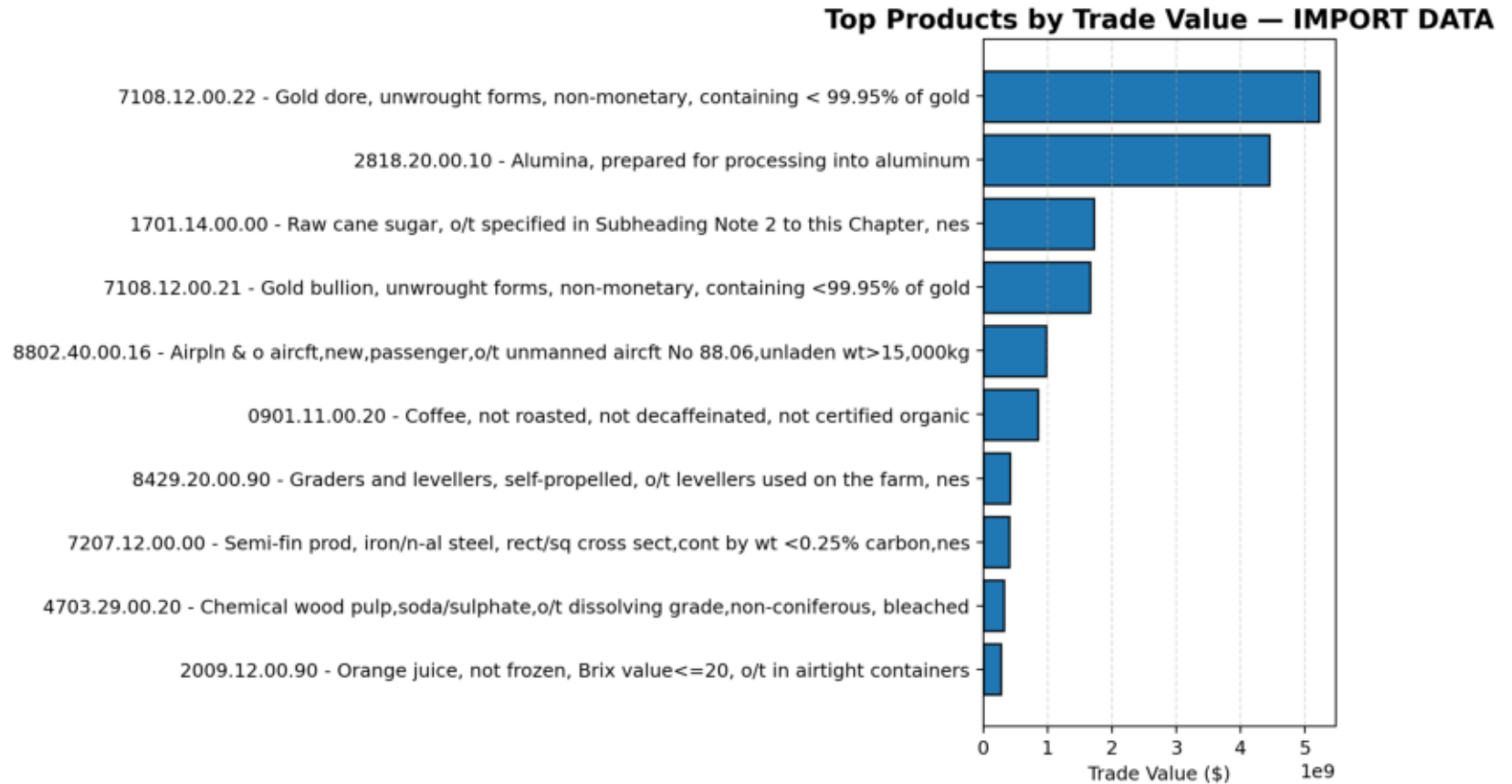
Import — Missing Values



Key Insights

- Shows which columns need the most attention before analysis.
- High missingness in key fields may affect business conclusions.

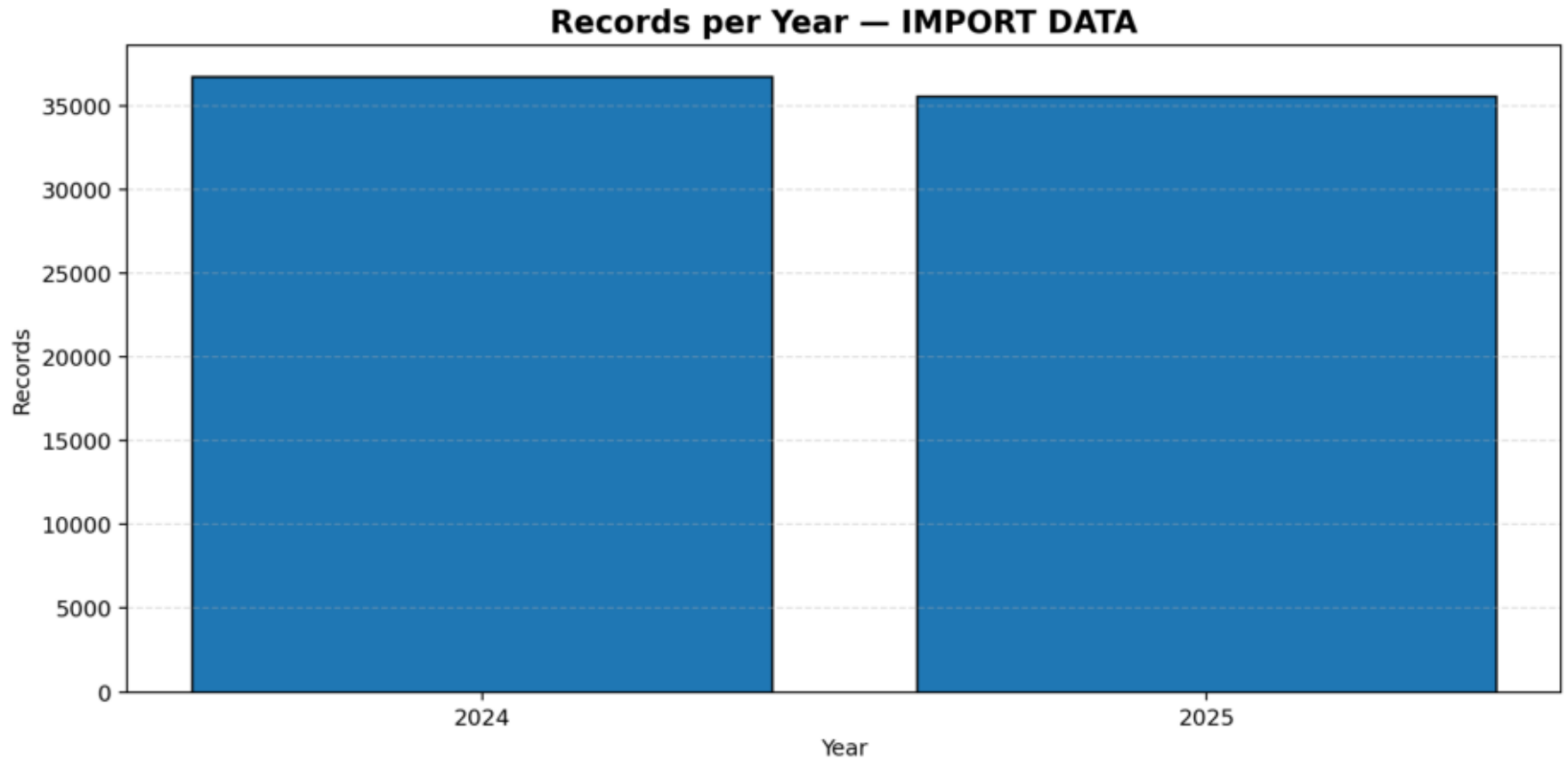
Import – Top Products by Trade Value



Key Insights

- Highlights the most valuable products in the dataset.
- These products should be prioritized during quality checks.

Import — Records per Year

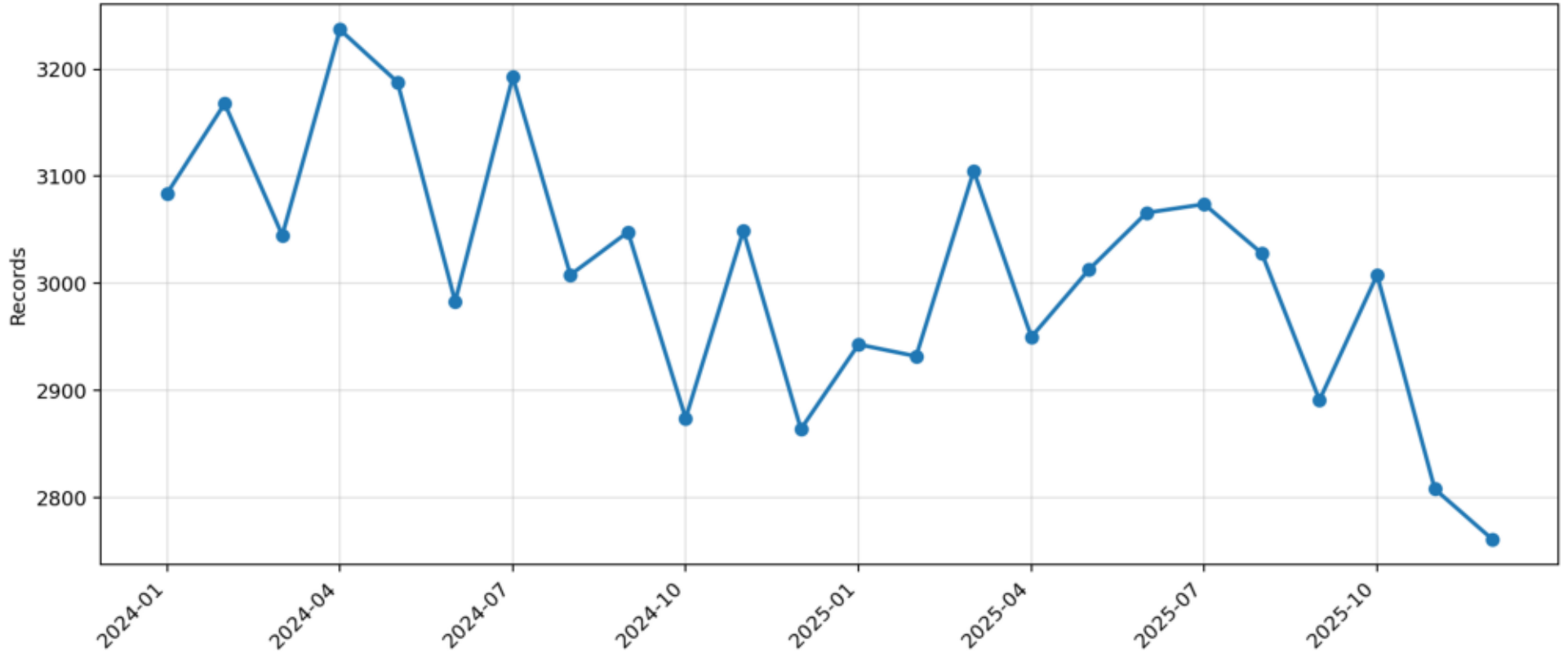


Key Insights

- Confirms temporal coverage at the yearly level.

Import — Records per Month

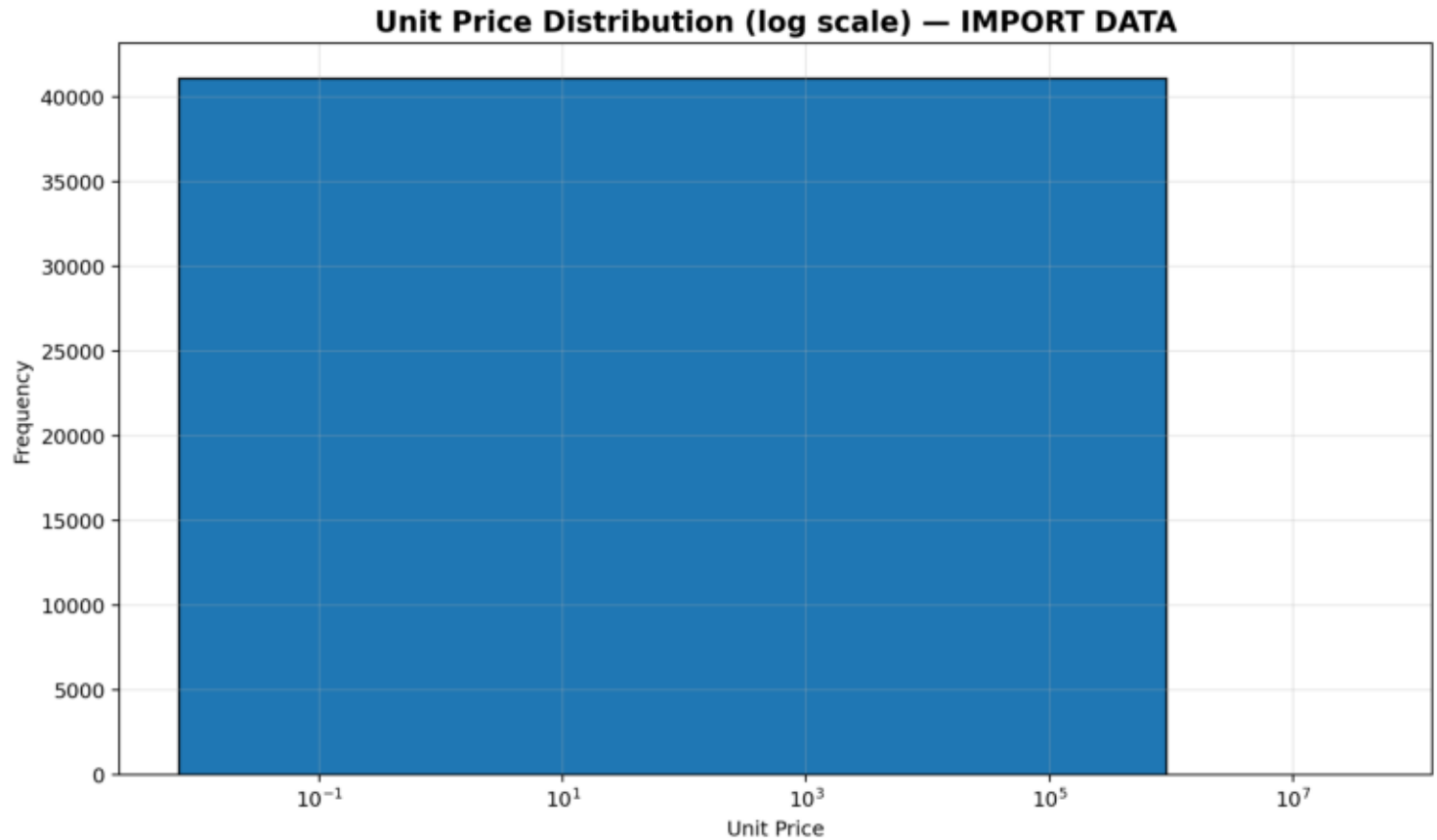
Records per Month — IMPORT DATA



Key Insights

- Helps detect gaps, drops, or irregular monthly patterns.

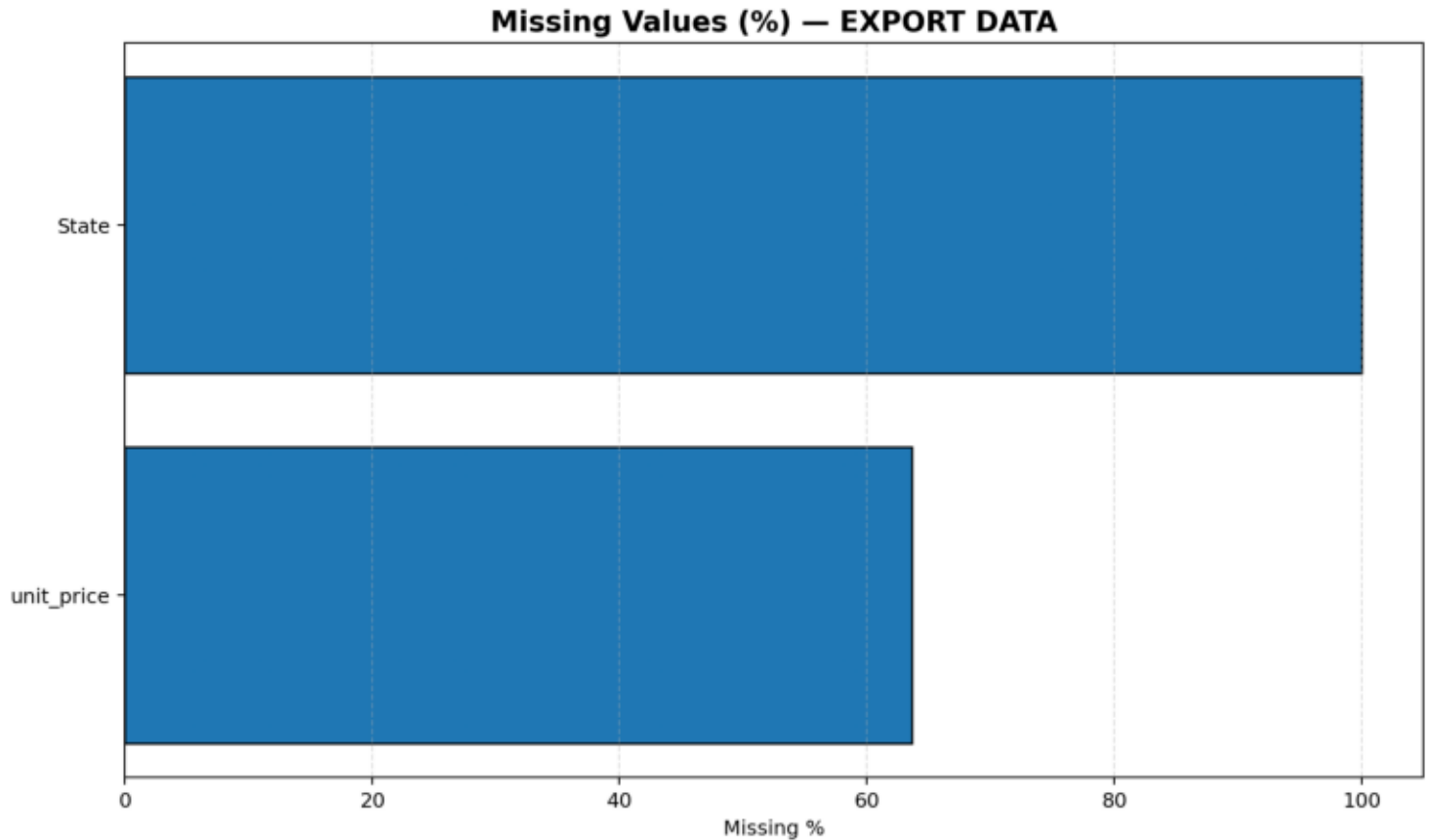
Import — Unit Price Distribution



Key Insights

- Log scale is used because unit prices usually have a long tail.
- Very high or very low values should be checked before using averages.

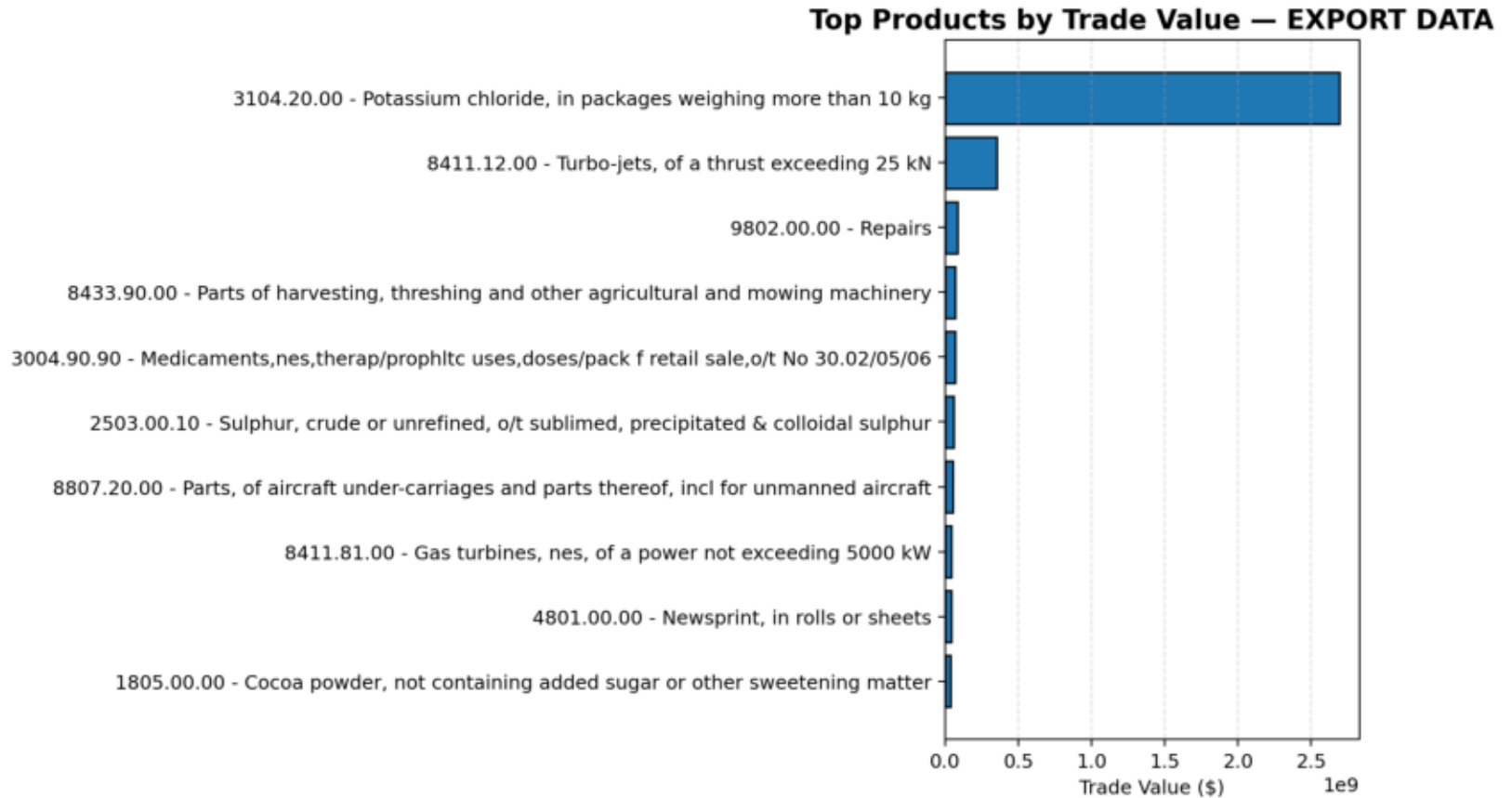
Export — Missing Values



Key Insights

- Shows which columns need the most attention before analysis.
- High missingness in key fields may affect business conclusions.

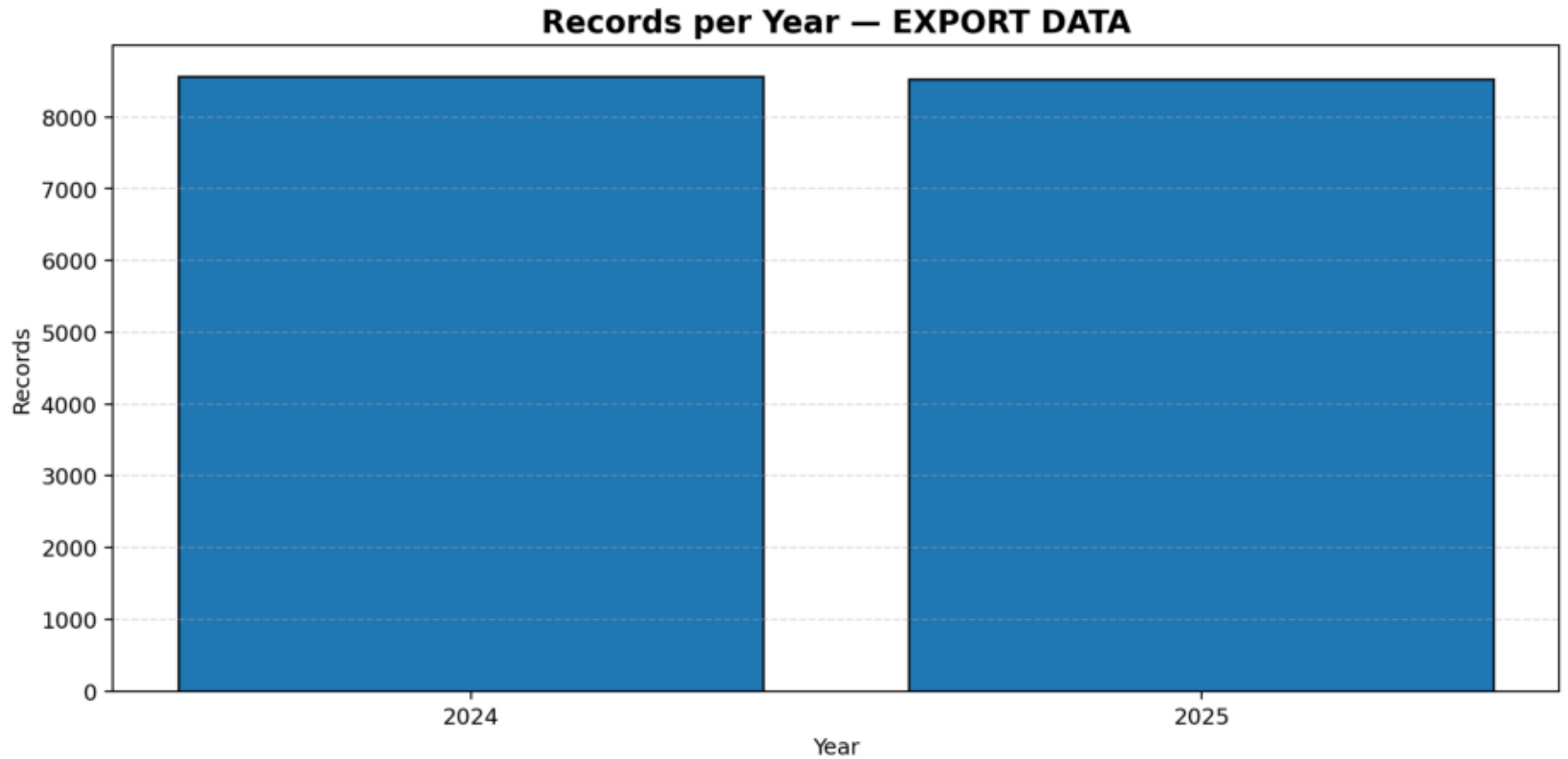
Export — Top Products by Trade Value



Key Insights

- Highlights the most valuable products in the dataset.
- These products should be prioritized during quality checks.

Export — Records per Year

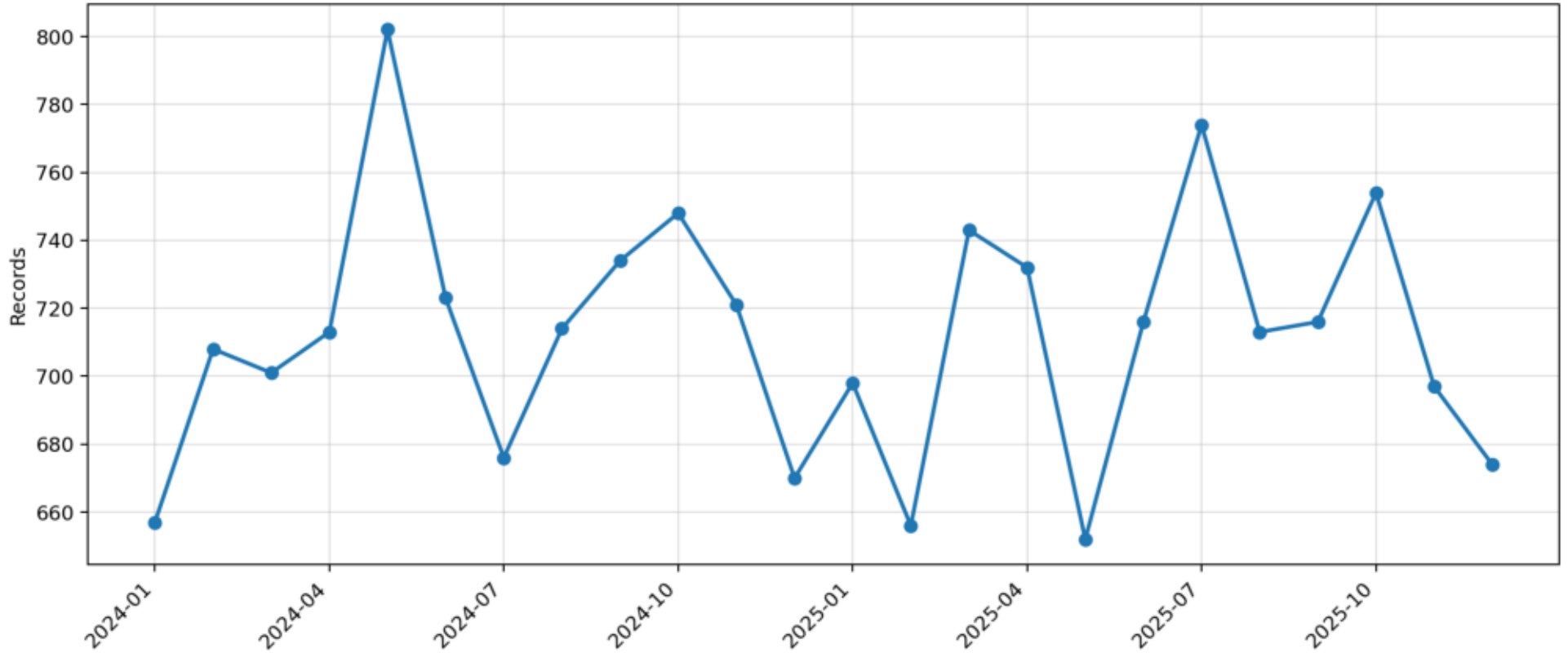


Key Insights

- Confirms temporal coverage at the yearly level.

Export — Records per Month

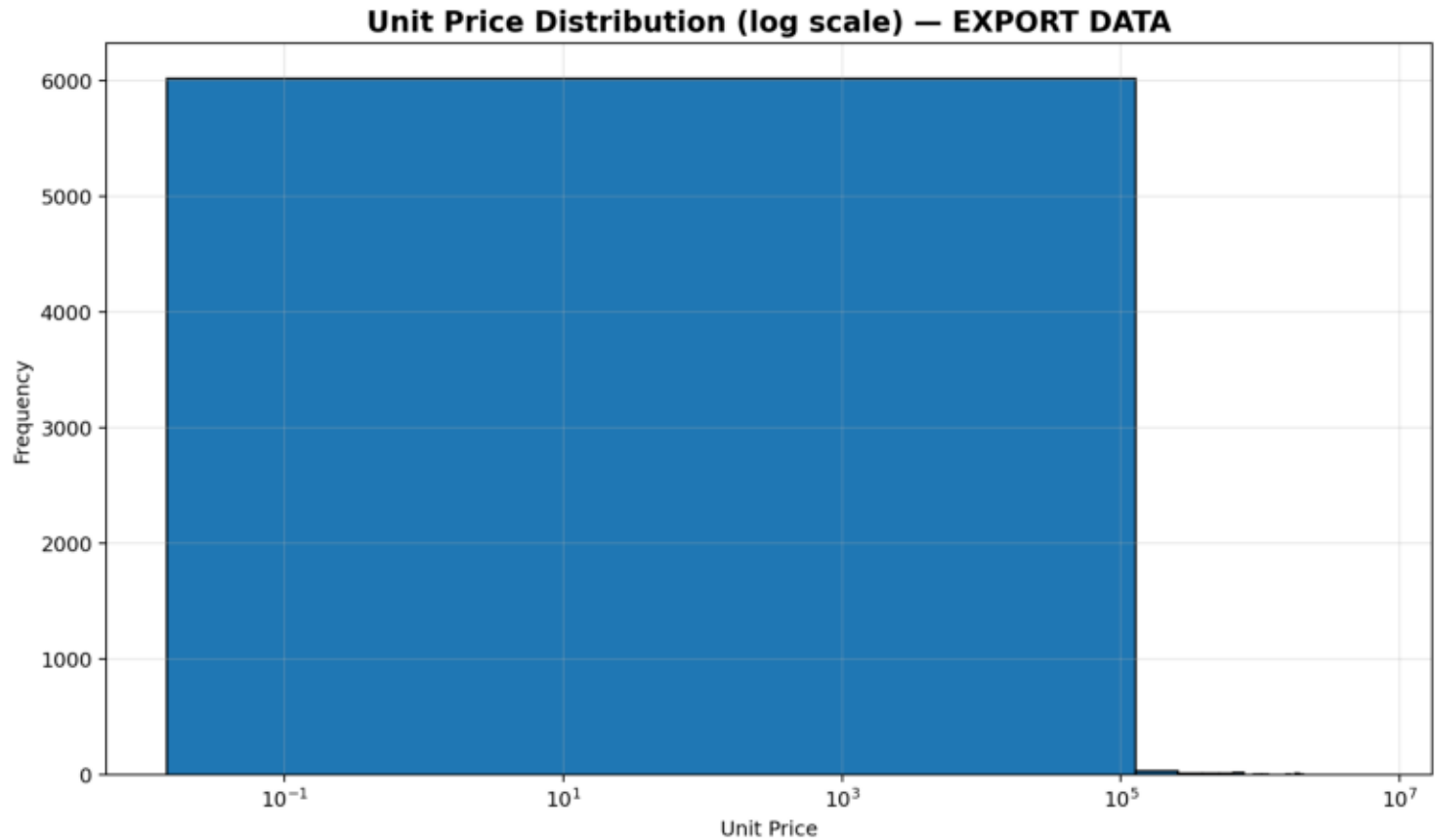
Records per Month — EXPORT DATA



Key Insights

- Helps detect gaps, drops, or irregular monthly patterns.

Export — Unit Price Distribution



Key Insights

- Log scale is used because unit prices usually have a long tail.
- Very high or very low values should be checked before using averages.