Unit 4.1 Assignment: Visual Design Challenge

CIS311_30_Technical Writing in CIS_2025_26_TERM3

Allah Beckles

11/16/2025

Global Orange Production Analysis (2017–2021)

This report presents a summary of the world production of oranges (including tangerines) in thousands of metric tons for eight key countries and regions from 2017 to 2021. The data, supplied by a government agency, is organized into a detailed table and visualized in a line chart to illustrate production trends and highlight key changes over the five-year period.

Table 1: World Orange Production (Thousands of Metric Tons)

Country/Region	2017	2018	2019	2020	2021
Brazil	12,053	13,165	15,482	16,982	18,998
United States	8,562	7,453	9,321	6,349	4,500
China	8,391	4,555	7,397	8,921	7,507
European Union	4,563	4,871	4,989	5,551	6,603
India	8,776	9,091	8,898	9,769	10,806
Mexico	4,898	3,777	2,992	3,878	4,003
Spain	3,325	2,671	2,906	3,287	3,422
Egypt	1,784	2,117	2,453	2,643	2,900

Figure 1: Global Orange Production Trends (2017–2021)

The figure below, generated from the data in Table 1, visualizes the production volume for each country/region across the five-year period, allowing for a clear comparison of performance and trend analysis.

Analysis and Conclusion

As detailed in Table 1, the period from 2017 to 2021 reveals two dramatically contrasting production trends among the world's major orange producers (Government Agency, 2022). **Brazil** and **India** exhibited strong, sustained growth, with Brazil leading the world and increasing its production significantly from approximately 12 million to 19 million metric tons (Government Agency, 2022). Similarly, the **European Union** and **Egypt** showed steady, though less steep, increases. In stark contrast, the **United States** experienced a substantial decline in production over the period, dropping from the second-largest producer in 2017 to a distant fourth by 2021. This decline is a key indicator of shifting global agricultural dynamics, as noted by industry analysts (Agricultural Trends Review, 2023). **China**'s production was highly volatile, seeing a sharp dip in 2018 followed by recovery and a moderate drop in 2021, while **Mexico** and **Spain** maintained relatively stable, lower production levels (Government Agency, 2022). Overall, the data points to a growing concentration of global orange production in South America and parts of Asia/Africa, while North American output faced significant contraction (Agricultural Trends Review, 2023).

References

Agricultural Trends Review. (2023). *Citrus Crop Volatility and Global Supply Chain Shifts: 2017–2021*. Agricultural Trends Publishing.

Government Agency. (2022). *World Orange Production Statistics, 2017–2021*. Internal Report.