Data Dictionary

We have gotten the data from the Bureau of Transportation Statistics (BTS)

One of the datasets we have used is the Border Crossing Entry Data. Which tells us which cargo entered the US and includes attributes like port name, state, and value of shipment. With this dataset we can get a broad view of how the goods enter the country on a national scale.

We also have made use of the Freight Shipment data, that shows the mode of transportation used to deliver the goods and other columns that can be used for our analysis.

Finally, we have our Ports Data. This one gives us specific information about the ports and their performances, like cargo being handled, volume, ranking of the ports and total volume moved.

Together, these datasets enable a comprehensive analysis of freight movement, from the initial border crossing through subsequent domestic transportation and port performance metrics.

Origin:

- [Border Crossing Entry Data | BTS Data Inventory](#)
- [Freight Shipments within the U.S. by Mode | BTS Data Inventory](#)
- [Port Data | BTS Data Inventory](#)

Dictionaries

Border Crossing

Column Name	Description	API Field Name	Data Type
Port Name	Name of CBP Port of Entry	port_name	Text
State	State	state	Text
Port Code	CBP port code	port_code	Text
Border	US-Canada Border or US-Mexico Border	border	Text
Date	Year, Month	date	Floating Timestamp
Measure	Conveyances, containers, passengers, pedestrians	measure	Text
Value	Count	value	Number
Latitude	Latitude	latitude	Number
Longitude	Longitude	longitude	Number
Point	Point	point	Point

Freight Shipment

Column Name	Description	API Field Name	Data Type
Visualization ID	Unique identifier linking the record to a specific visualization or dashboard	visualization_id	Text
Mode	Mode of freight transportation (e.g., Truck, Rail, Air, etc.)	mode	Text
Statistic	The specific statistic being reported (e.g., value measure, percentage, etc.)	statistic	Text
Year	The calendar year corresponding to the reported data	year	Floating Timestamp
Value	The numeric measure associated with the statistic	value	Number
Units	The measurement units for the reported value (e.g., dollars, tons)	units	Text
Percent	The percent value reported, if applicable	percent	Number
Fiscal Year	The fiscal year for the reported data	fiscal_year	Floating Timestamp
% Change from Previous Year	The numeric percentage change compared to the previous year's value	change_from_previous_year	Number
Statistic Short Name	A brief or abbreviated name for the statistic	statistic_short_name	Text

Port Data

Column Name	Description	API Field Name	Data Type
Cargo Type	Category or type of cargo handled at the port	cargo_type	Text
Port ID	Unique numerical identifier assigned to the port	port_id	Number
Port_Name	Name of the port	port_name	Text
Region	Geographic region where the port is located	region	Text
Reporting Year	Year for which the data are reported	reporting_year	Number
State	U.S. state where the port is located	state	Text
Trade Type	Indicates the trade direction (e.g., import or export)	trade_type	Text
Units	Measurement units used for the volume (e.g., tons, containers)	units	Text
Port Ranking	Ranking of the port based on performance or volume	port_ranking	Number
Percent Change	Percentage change in port volume relative to a previous period	percent_change	Number
Volume	Volume of cargo handled at the port	volume	Number