## **U.S. Government Contracts Fiscal Year 2025**

Every year the United States Government awards contracts and grants to businesses, organizations, and foreign governments all over the world. Theses grants and contracts help satisfy the needs of the U.S. Government in many ways. There are many agencies within the U.S. Government that have the authority to award contracts to businesses and foreign governments, such as the Department of Energy, Department of State, and The Department of Defense, just to name a few. This project provides a visual representation of these contracts as listed in the fiscal year 2025 Award Data Archive which can be found here:

https://www.usaspending.gov/download\_center/award\_data\_archive

The full Data Dictionary for this data can be found here: <a href="https://www.usaspending.gov/data-dictionary">https://www.usaspending.gov/data-dictionary</a>

First, I downloaded a CSV file for fiscal year 2025 from the link listed above. Next, I created a database and a table on my local machine in Microsoft SQL Server Management Studio using the column headers from the CSV file. Then I wrote a python script to read the CSV file and insert the data into my SQL Server database. Finally, I wrote an SQL query utilizing the CASE statement to pull only the columns that i needed for this report, and i exported the results as a CSV file and loaded the file into PowerBI.

Here is a table containing the fields used in this report, along with their data types and a brief description:

Field	Data Type	Description
parent_award_agency_name	Text	The name associated with a department or establishment of the Government as used in the Treasury Account Fund Symbol (TAFS).
period_of_performance_current_end_date	Date	For procurement awards: The contract completion date based on the schedule in the contract. For an initial award, this is the scheduled completion dat of award. For modifications that exercise options or that shorten (such as termination) or extend the contract period of performance, this is the revised exercised options. If the award is solely for the purchase of supplies to be delivered, the completion date should correspond to the latest delivery date completion date does not change to reflect a closeout date.
period_of_performance_start_date	Date	For procurement awards: Per the FPDS data dictionary, the date that the parties agree will be the starting date for the contract's requirements. This is the period, this date does not reflect period of performance per modification, but rather the start of the entire contract period of performance.
prime_award_base_transaction_description	Text	For procurement awards: Per the FPDS data dictionary, a brief, summary level, plain English, description of the contract, award, or modification. Additionable abbreviations, acronyms, or other information that is not plain English such as that required by OMB policies (CARES Act, etc.).
profit_type	Text	States whether or not the recipient organization is a non-profit or for profit
recipient_country_name	Text	The name of the country that the recipient entity resides in.
recipient_name	Text	The name of the awardee or recipient that relates to the unique identifier. For U.S. based companies, this name is what the business ordinarily files in fo
recipient_state_name	Text	The state or territory that the recipient entity resides in
solicitation_date	Date	For award of a new contract, purchase order, task\delivery order, or BPA Call valued above the SAT a solicitation issuance date must be provided, regard advertised (i.e., posted on FBO, etc.); Is an order under a single-award indefinite-delivery contract; or Is an award that was not competed.
transaction_description	Text	For procurement awards: Per the FPDS data dictionary, a brief, summary level, plain English, description of the contract, award, or modification. Additionable abbreviations, acronyms, or other information that is not plain English such as that required by OMB policies (CARES Act, etc.)
veteran_business_ownership	Text	Describes whether or not the recipient organization is veteran owned.
women_business_ownership	Text	Describes whether or not the recipient organization is women owned.









