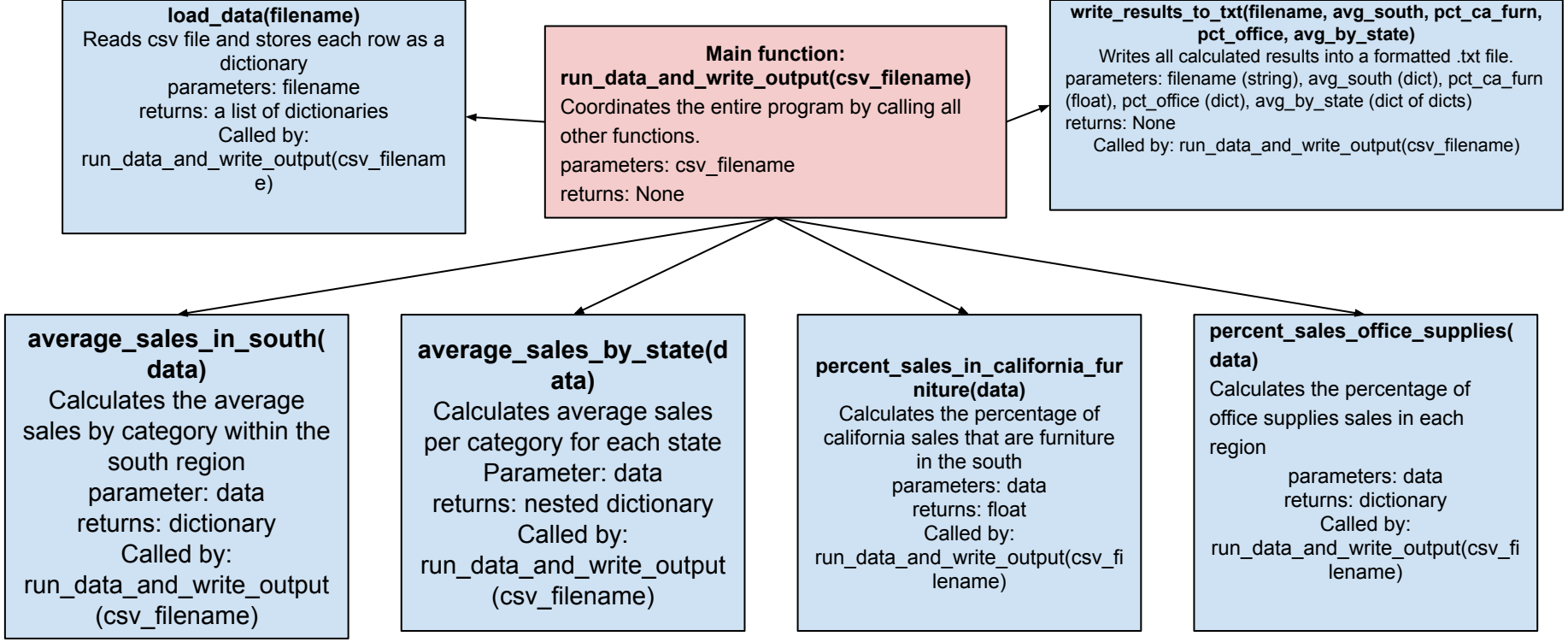
load_data(filename)
Reads csv file and stores each row as a dictionary
parameters: filename
returns: a list of dictionaries
Called by:
run_data_and_write_output(csv_filename)
Main function:
run_data_and_write_output(csv_filename)
Coordinates the entire program by calling all other functions.
parameters: csv_filename
returns: None
write_results_to_txt(filename, avg_south, pct_ca_furn, pct_office, avg_by_state)
Writes all calculated results into a formatted .txt file.
parameters: filename (string), avg_south (dict), pct_ca_furn (float), pct_office (dict), avg_by_state (dict of dicts)
returns: None
Called by: run_data_and_write_output(csv_filename)
average_sales_in_south(data)
Calculates the average sales by category within the south region
parameter: data
returns: dictionary
Called by:
run_data_and_write_output(csv_filename)
average_sales_by_state(data)
Calculates average sales per category for each state
Parameter: data
returns: nested dictionary
Called by:
run_data_and_write_output(csv_filename)
percent_sales_in_california_furniture(data)
Calculates the percentage of california sales that are furniture in the south
parameters: data
returns: float
Called by:
run_data_and_write_output(csv_filename)
percent_sales_office_supplies(data)
Calculates the percentage of office supplies sales in each region
parameters: data
returns: dictionary
Called by:
run_data_and_write_output(csv_filename)