```
main()

Runs the program and
calls the functions in a
logical sequence

Input: none
Output: None
```

```
read_csv_file(filename)

Reads the dataset and
converts it into a list of
dictionaries

Input: filename (str)
Output: data (list of dicts)
```

```
calculate_avg_yield_b
y_crop(data)

Calculates avg ]yield by
crop type

Input: data (list of dicts)
Output: avg_by_crop
```

```
calculate_avg_yield_by_
fertilizer(data)

Calculates average yield
for fertilizer use vs
non-fertilizer use

Input: data (list of dicts)
Output: _avg_by_fertilizer
```

```
compare_avgs(avg_crop,
avg_fertilizer)

Compares average yields to
see if fertilizer has an impact

Input: avg_crop, avg_fertilizer
Output: comparison results
(dict)
```

```
write_results(avg_crop,
avg_fertilizer, filename)

Writes results to an output
file

Input: none
Output: None
```