

Node Data Processing

The program should convert a large CSV file (1.5 million lines), containing details about orders.

- Written as a **Node** CLI application
 - File name can be hard-coded no need for CLI Input
- Generate 1 JSON file per task
- Speed is Important

The CSV File: <https://drive.google.com/open?id=1NSaNfpVFXzfl-VESjpkBeyH2FfM7OMRv>

The output should be similar to the following reports.

1. The Total Revenue, Cost and Profit for each region and item type, (see example below)

```
{
  "Regions":{
    "Europe":{
      "Total":{
        "Revenue":123,
        "Cost":50,
        "Profit":73
      },
      "Countries":{
        "Slovakita":{
          "Total":{
            "Revenue":123,
            "Cost":50,
            "Profit":73
          },
          "ItemTypes":{
            "Beverages":{
              "Revenue":123,
              "Cost":50,
              "Profit":73
            }
          }
        },
        },
      },
    },
  },
  "ItemTypes":{
    "Beverages":{
      "Revenue":123,
      "Cost":50,
      "Profit":73
    }
  }
}
```

2. Number of each Priority Orders for each Month.

E.g.

```
{
  "2011":{
    "05":{
      "L":3,
      "H":2,
      "C":123
    }
  }
}
```

3. Average Time to ship (in days), and Number of Orders For Each Month (grouped by year, like #2), and by each Country (grouped by region), with totals for each level, like #1

```
{
  "2014":{
    "03":{
      "AvgDaysToShip":39,
      "NumberOfOrders":1,
      "Regions":{
        "Europe":{
          "AvgDaysToShip":39,
          "NumberOfOrders":1,
          "Countries":{
            "Slovakita":{
              "AvgDaysToShip":39,
              "NumberOfOrders":1,
            }
          }
        }
      }
    }
  }
}
```