

Project Overview: You are the Research Analyst and resident “Excel Guru” at **Maven Careers**, a non-profit organization helping high school seniors find career paths. Your boss, Susy Salary, needs a dashboard built for an upcoming round of school visits.

The data: The data is from the labor statistics from 2017 to 2020. The data shows the year, the industry, the state, the number of employers, the number of employees, and the average annual wage. The dashboard that we create needs to allow the seniors to explore wage and employment trends to compare them across industries.

The Dashboard: For the questions that need to be answered for Susy and the high school seniors, I created a series of different tables under the “Data Prep” tab in the excel file attached. These tables consist of using AverageIFs, IFS, SUMIFS, Sum, If, and VLook Up formulas to break up and find the information we need. From there I created an interactive dashboard that the students can use to scroll through the industries and the dashboard will change the numbers accordingly. The dashboard shows the average annual wage, the market share of total employees, the trend of wage and employees, and the average wages by state in a map chart.