1. HR data can be hard to come by, and HR professionals generally lag behind with respect to analytics and data visualization competency. The datafile contains names, DOBs, age, gender, marital status, date of hire, reasons for termination, department, whether they are active or terminated, position title, pay rate, manager name, and performance score. It also includes absences, most recent performance review date, and employee engagement score. **In Tableau**, answer the following:

    (a) (3 points) Load the data file to tableau.

    (b) (4 points) Create a bar chart that shows the number of employees by department. What the department has the highest number of employees?

    (c) (4 points) Create a bar chart that shows the average number of absence by department. What the department has the highest average number of absences?

    (d) (5 points) Is there a relationship between performance score and gender? Create a stacked bar chart that shows the percentage of gender across the different performance scores.

    (e) (5 points) Is there a relationship between performance score and employee satisfaction? Create a stacked bar chart that shows that average employee satisfaction across the different performance scores taking into account the gender (use different colors for gender).

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[1]Make sure you submit a `*.twb` file in Blackboard.