Nhi Pham

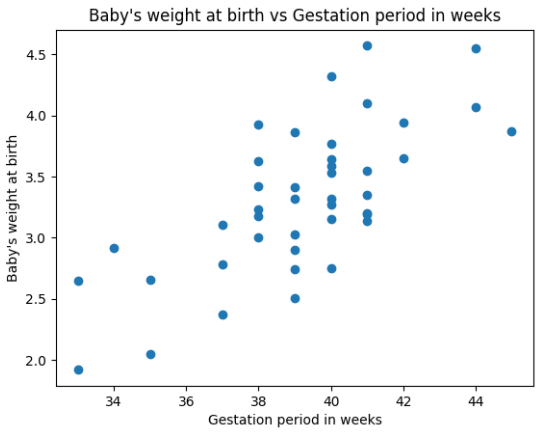


Figure 1

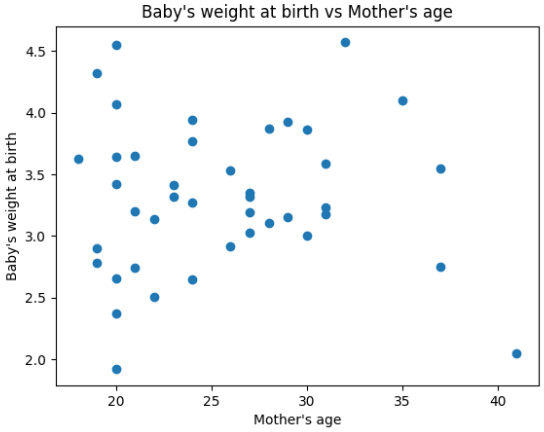
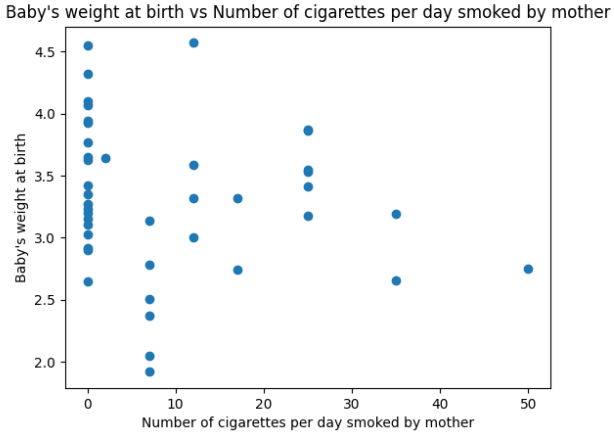


Figure 2



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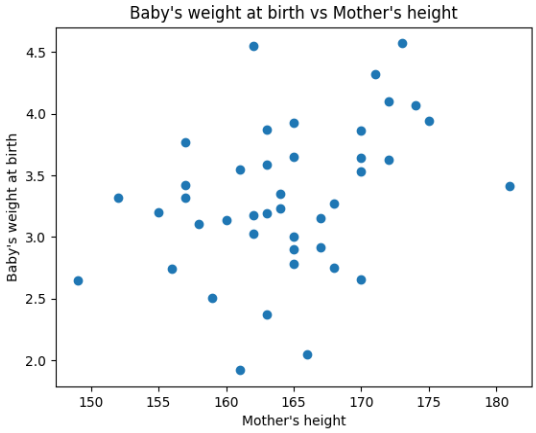

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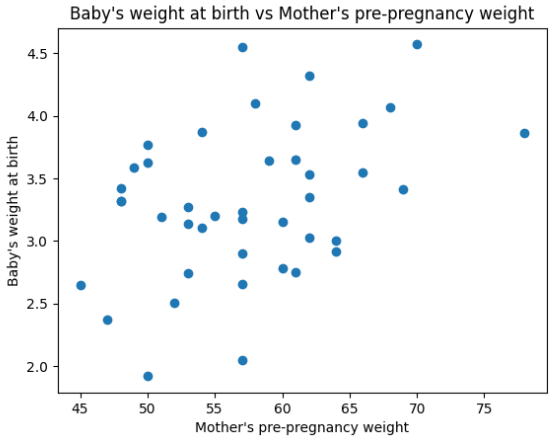

Figure 5

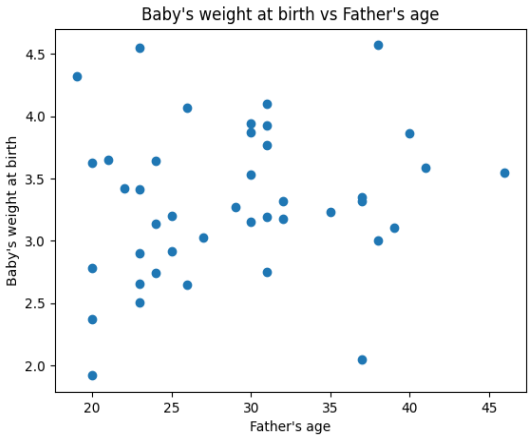

Figure 6

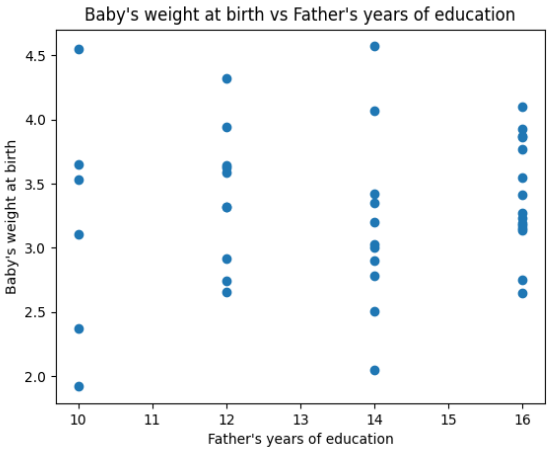

Figure 7

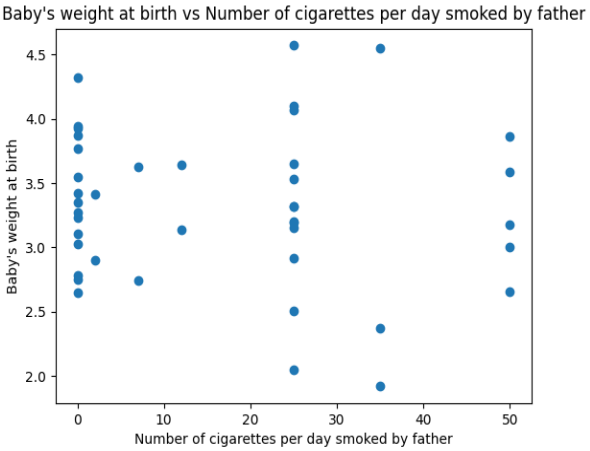

Figure 8

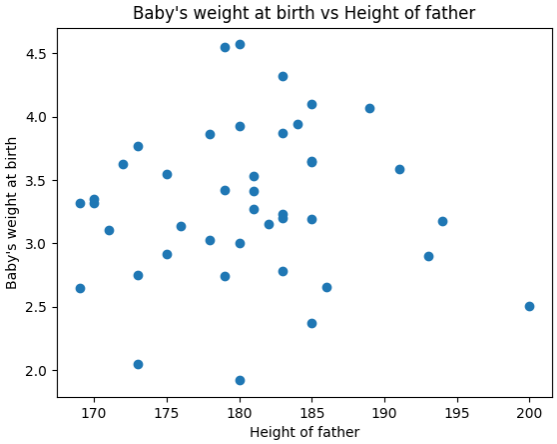

Figure 9

Analysis:

1. Baby's weight at birth vs Gestation period in weeks [Figure 1]: As x increases, the y value increases. There is a positive correlation between these values.
2. Baby's weight at birth vs Mother's age [Figure 2]: There is no correlation as dots scatter everywhere
3. Baby's weight at birth vs Number of cigarettes per day smoked by mother [Figure 3]: As x increases, the y value tends to decrease. There could be a slightly negative correlation between these values.

4. Baby's weight at birth vs Mother's height [Figure 4]: As x increases, the y value increases. There is rarely any point in the upper right region and in the lower left region. Thus, there is a positive correlation between these values.
5. Baby's weight at birth vs Mother's pre-pregnancy weight [Figure 5]: As x increases, the y value tends to increase. There is rarely any point in the upper right region and in the lower left region. Thus, there is a positive correlation between these values.
6. Baby's weight at birth vs Father's age [Figure 6]: There is no correlation because as x increases, the y value fluctuates.
7. Baby's weight at birth vs Father's years of education [Figure 7]: There is no correlation
8. Baby's weight at birth vs Number of cigarettes per day smoked by father [Figure 8]: There is no correlation
9. Baby's weight at birth vs Height of father [Figure 9]: There is no correlation because as x increases, the y value can increase in first half of the graph and decrease in second half.