**Independent work I. (MS Excel)**

1. This document contains data for the number of pedestrians that were killed in the United States during 1994 inmotor vehicle crashes. First digitize the data:

**Pedestrians Killed by Time of Day and Day of Week**

| | Day of Week | | | | | |
|---|---|---|---|---|---|---|
| | Weekday | | Weekend | | Total | |
| Time of Day | Number | Percent | Number | Percent | Number | Percent |
| 12:00-2:59 a.m. | 188 | | 450 | | | |
| 3:00-5:59 a.m. | 142 | | 211 | | | |
| 6:00-8:59 a.m. | 346 | | 63 | | | |
| 9:00-11:59 a.m. | 281 | | 96 | | | |
| 12:00-2:59 p.m. | 382 | | 98 | | | |
| 3:00-5:59 p.m. | 601 | | 159 | | | |
| 6:00-8:59 p.m. | 694 | | 665 | | | |
| 9:00-11:59 p.m. | 470 | | 592 | | | |
| **Total** | | | | | | |

2. Calculate the total number of pedestrian fatalities that occurred during weekdays/weekends. Calculate the percent of all weekday/weekend fatalities that occurred during each of the given times of day.
3. Calculate the total number of fatalities that occurred during each time of day (i.e., add weekday and weekend fatalities for each time of day). Calculate the percent of all pedestrian fatalities that occur during each time of day (weekdays and weekends combined).
4. Format your percentage data so that percentage signs and only one decimal place is shown.
5. Create a bar graph for the percent of all fatalities by the time of day (i.e., the figures in column G).
6. Create a Word document describing the most dangerous times of day and theleast dangerous times of day for pedestrians.
7. Import your completed spreadsheet into your document.
8. Import your bar graph into your document.
9. Save your final document as a PDF.

**Sources**

1. http://web.utk.edu/~dhouston/excel/exercise.html

2. https://www.wiseowl.co.uk/excel/exercises

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