Module 1, Assignment 2: Answer Key

Ellen Bledsoe

2022-07-29

1.

```
## [1] "numeric"
```

2.

```
## [1] 9
```

3.

```
## [1] 3.888889
```

4.

```
##            last   first sex age height_cm weight_kg            specialties
## 1     Williams  Dallas   F  37     183.4      98.1       Computer Science
## 2       Person Sabrina   F  29     204.5      54.6           Food Science
## 3           Yu Marissa   F  31     142.3      76.4             Psychology
## 4     Richards    Zane   M  39     140.7      84.6           Data Science
## 5      Douglas  Elyssa   F  31     141.9      98.2         Marine Biology
## 6         Tosi  Daniel   M  22     190.9      92.8           Anthropology
## 7        Perez    Ryan   M  26     185.4      65.9               Genetics
## 8       Campos    Tyra   F  45     173.9      78.0             Management
## 9       Wilcox    Kate   F  38     170.5      83.1            Climatology
## 10 Hoell-Dixon  Zakiya   F  36     198.5      63.9 Electrical Engineering
```

5.

```
## [1] 31
```

6.

```
## [1] 78.2531
```

7.

```
## [1] 100.3
```

```
## [1] 209.9
```

8.

```
##                     last       first sex age height_cm weight_kg specialties
## 8                 Campos        Tyra   F  45     173.9      78.0 Management
## 11        Urbina-Jimenez      Jessie   I  38     191.6      74.1 Management
## 32               el-Guler      Kabeer   M  42     115.8      63.3 Management
## 39              al-Hamdan       Ulyaa   F  33     173.4      88.1 Management
## 58                Caradec     Breanne   F  53     169.7      43.0 Management
## 69                 Foutch    Kayleigh   F  28     137.1      84.0 Management
## 82                 Liskey       Kaela   F  23     140.9      64.5 Management
## 101                Nguyen        Nhan   M  30     154.3     115.0 Management
## 119              Sisneros       Angel   M  24     173.6      61.6 Management
## 122                  Bean      Steven   M  21     184.6      57.9 Management
## 134                Bowker       Jacob   M  21     140.2      57.5 Management
## 214            Ramamurthy       Susie   F  31     112.4      80.2 Management
## 215                 Ortiz        Jade   F  48     132.7      47.0 Management
## 246                 Hicks      Sydney   F  23     160.9      65.1 Management
## 292                Becker       Carly   F  23     209.9      77.9 Management
## 303          Hord Sherrer       Kalan   M  27     169.8      95.5 Management
## 325             Stevenson     Ryshawn   M  27     137.7      71.6 Management
## 337 Scherschligt-Rodriguez     Ronald   M  36     167.8      62.7 Management
## 416              Gallardo        Eric   M  30     190.5      84.1 Management
## 425                 Dixon      Adaiah   F  20     161.7      56.6 Management
## 437               Marquez      Andrew   M  21     171.6      54.8 Management
## 453                el-Zaki       Aabid   M  26     166.8      76.8 Management
## 454                al-Alam     Hamaama   F  34     155.6     101.0 Management
## 455                Tropsa     Adriana   F  37     129.7     103.8 Management
## 466               Carroll      Dakota   F  24     160.2      70.1 Management
## 470               Jamison        Gage   M  24     194.2      48.8 Management
## 476               el-Hamed     Haaniya   I  34     194.2      88.2 Management
## 486                Farrow   Gabriella   F  38     147.5      67.8 Management
## 529                Garcia       Megan   F  34     191.2      47.0 Management
## 550              al-Vohra     Haaniya   F  62     167.5      99.0 Management
## 553                Boykin      Johnny   M  25     100.4      72.0 Management
## 586                  Mace    Michelle   F  34     152.1      69.6 Management
## 609                  John    Jonathan   M  23     141.9      83.0 Management
## 621               Apodaca      Cheryl   F  20     182.4      70.0 Management
## 635             al-Hamidi      Jameel   M  28     162.6      62.1 Management
## 663               al-Popal       Fawzi   M  31     198.1      86.8 Management
## 664                  Ross       Rocky   M  30     167.0      92.4 Management
## 672               Cruz Jr     Jessica   F  38     143.9      94.4 Management
## 687                 Vigil     Yesenia   F  40     186.8      70.0 Management
## 693                 Burns       Aaron   M  36     133.3      95.9 Management
## 713               Morales        Neil   M  33     185.5      65.9 Management
## 749              Greimann    Ashleigh   F  38     160.6      81.3 Management
## 771                  Zilm     Cynthia   F  44     198.0      81.7 Management
## 801             Good Wind    Willanna   F  18     192.3      74.5 Management
## 802                  Hong       Ashna   F  34     148.8     102.9 Management
## 815               Andrews        Noah   M  22     137.5      65.2 Management
## 821                 Smith         Eun   F  25     136.1      82.5 Management
## 848              al-Sabet     Zahraaa   F  26     182.8      42.2 Management
## 880              Hamilton       Ethan   M  25     149.3     113.7 Management
## 883               Hammond      Deirdra   F  20     190.2      85.3 Management
## 887              Hatchett         Tia   F  26     156.0      78.1 Management
```

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## 934                 Lopez      Tyson  M  42       156.9       47.5  Management
## 948            Wirsching Alexandrina  F  49       180.7       76.2  Management
## 949             Fuhrmark     Zachary  M  27       150.0       82.6  Management
## 963              Briones       Jesus  M  35       133.4       66.6  Management
## 995              Skelton     Abigail  F  37       189.0       57.4  Management
```

9.

```
##  [1] "Computer Science"       "Food Science"          "Psychology"
##  [4] "Data Science"           "Marine Biology"        "Anthropology"
##  [7] "Genetics"               "Management"            "Climatology"
## [10] "Electrical Engineering" "Medicine"              "Hydrology"
## [13] "Mechanical Engineering" "Chemical Engineering"  "Horticulture"
## [16] "Aquaculture"            "Applied Bioscience"    "Geology"
```

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## [1] 18
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