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### **Fundamentals of Data Analytics with Tableau -**Smartbridge

Smartbridge -

Watch Progress

### Microsoft Office **Fundamentals**

Microsoft - Online

Watch

# All lessons have been completed.

Data Literacy with Tableau

100% COMPLETE

### **New section** 22 / 22 complete Review **=**¥ Introduction To **Business** Intalligence

|          | Intelligence               |        |
|----------|----------------------------|--------|
| <b>②</b> | <b>=</b> ¥ Data Analytics  | Review |
| <b>②</b> | =¥ Introduction to Tableau | Review |

| <b>Ø</b> | =¥ Introduction to<br>Tableau  | Review |  |  |  |
|----------|--------------------------------|--------|--|--|--|
| <b>②</b> | =¥ Data Base 1 My<br>SQL Bench | Review |  |  |  |

| <b>Ø</b> | =¥ Data Base 1 My<br>SQL Bench | Review |  |  |  |  |
|----------|--------------------------------|--------|--|--|--|--|
| <b>②</b> | =¥ Architecture For Tableau    | Review |  |  |  |  |

| •        | SQL Bench                      | Review |
|----------|--------------------------------|--------|
| <b>②</b> | =¥ Architecture For<br>Tableau | Review |
| <b>②</b> | =¥ Data visualization          | Review |

■

■ Data Visualization

■ Data Visuali

Review

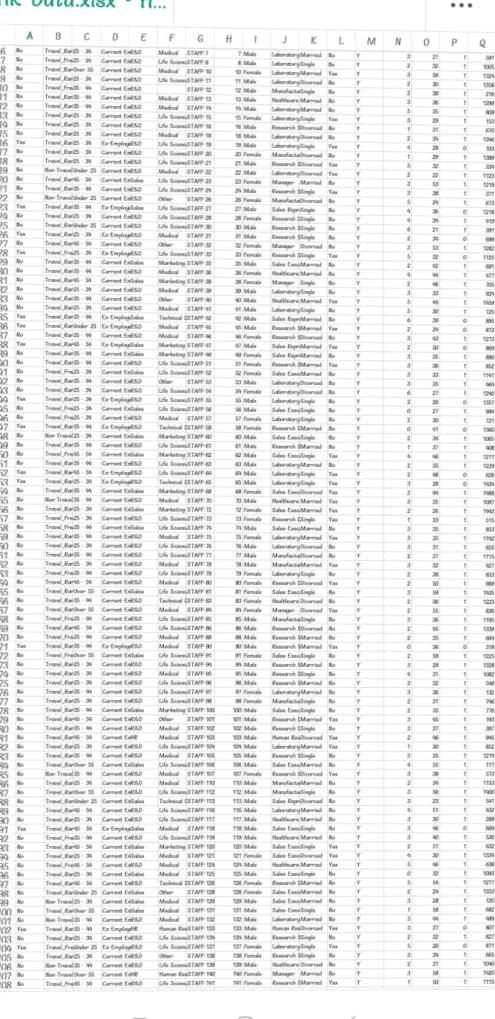


### Project Flow

- Define Problem /
  Problem Understanding
- Data Collection & Extraction
- Data Preparation
- Data Visualization
- Dashboard
- **⊕** Story
- Performance Testing
- Publishing

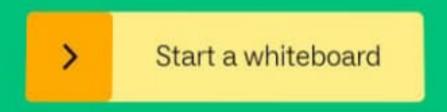
Project Demonstration & Documentation

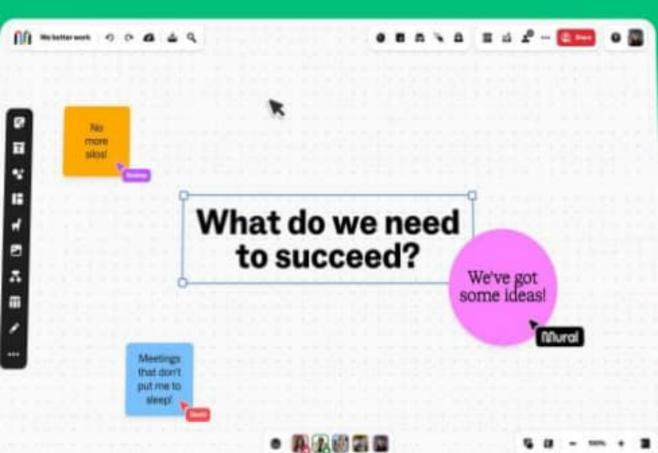
| HR Data.xlsx - H |           |  |                       |                    |                       |                        |     |                        |                        | •••                   |            |    |     |          |     |            |
|------------------|-----------|--|-----------------------|--------------------|-----------------------|------------------------|-----|------------------------|------------------------|-----------------------|------------|----|-----|----------|-----|------------|
|                  | Α         | ВС                                     | D                     | €                  | F                     | G                      | Н   | 1                      | J                      | K                     | L          | М  | N   | 0        | Р   | Q          |
| 6_               | No<br>No  | Travel_Rar25 - 31<br>Travel_Fre25 - 31 |                       |                    | Medical               | STAFF-7                |     | 7 Male                 | Laborator              | Married               | No         | Y  | 3   | 27       | 1   | 59         |
| 8                | No        | Travel_RarOver 5                       |                       |                    | Ufe Scient            | STAFF-10               |     | 8 Male<br>10 Female    | Laborator              |                       | No         | Y  | 2   | 32       | 1   | 100        |
| 9                | No        | Travel_Rar25 - 30                      | Correct               |                    |                       | STAFF-11               |     | 11 Male                | Lakorator              | yMarried<br>yDivorced | Yes<br>No  | Y  | 3   | 59<br>30 | 1   | 132        |
| 10.              | No<br>No  | Travel_Fre35 - 90                      |                       |                    |                       | STAFF-12               |     | 12 Male                | Massfact               |                       | No         | Y  | 2   | 38       | 1   | 135        |
| 12               | No        | Travel_Ran35 - 40<br>Travel_Ran35 - 40 |                       |                    | Medical<br>Medical    | STAFF-13               |     | IJ Male                |                        | e Married             | No         | Υ  | 3   | 36       | 1   | 129        |
| 13               | No        | Travel_Rar25 - 30                      |                       |                    |                       | STAFF-10<br>oSTAFF-15  |     | 19 Male<br>15 Female   | Laborator              | yMarried<br>Stools    | No<br>Yes  | Y  | 5   | 35       | 1   | 80         |
| 14               | No        | Travel_Rar25 - 30                      |                       |                    |                       | STAFF-16               |     | 16 Male                |                        | \$Divorced            | No         | Y  | 3   | 29       | 1   | 15<br>67   |
| 15               | No<br>Yes | Travel_Rar25 - 30                      |                       |                    | Medical               | STAFF-18               |     | 18 Male                | Laborator              | gDivorced             | No         | Y  | 2   | 39       | 1   | 139        |
| 16               | No        | Travel_Rar25 - 30<br>Travel_Rar25 - 30 |                       |                    |                       | oSTAFF-19<br>oSTAFF-20 |     | 19 Male<br>20 Female   | Laborator              |                       | Yes        | γ  | 9   | 28       | 0   | 10         |
| 18               | No        | Travel_Rar25 - 30                      |                       |                    |                       | oSTAFF-21              |     | 21 Male                |                        | \$Divorced            | No         | Y  | 5   | 29<br>32 | 1   | 138        |
| 19               | No        | Non-Travel Under                       |                       |                    |                       | STAFF-22               | - 2 | 22 Male                |                        | Divorced              | Yes        | Y  | 2   | 22       | 1   | 172        |
| 20               | No<br>No  | Travel_Rar95 - 50<br>Travel_Rar95 - 90 |                       | EnSales<br>Entre D |                       | oSTAFF-23              |     | 23 Female              |                        | Married               | No .       | Υ  | 3   | 53       | 1   | 121        |
| 22               | No        | Non-Traveltinder                       |                       |                    | Other                 | STAFF-26               |     | 24 Male<br>26 Female   | Research               | SSingle<br>urDivorced | Yes        | Y  | 3   | 38       | 1   | 37         |
| 23               | Yes       | Travel_Rar35 - 90                      |                       |                    | Ufe Scien             | sSTAFF-27              |     | 27 Male                | Salen Rep              |                       | No         | Y  | 5   | 29<br>36 | 1 0 | 67.        |
| 24               | No        | Travel_Rar25 - 30                      |                       |                    |                       | oSTAFF-28              | - 1 | 28 Female              | Research               |                       | No         | Y  | 9   | 39       | 1   | 978        |
| 25<br>26         | No<br>Yes | Travel_RartInder<br>Travel_Rar25 - 30  |                       |                    | Ufa Scient<br>Medical | oSTAFF-30              |     | 30 Male                | Research               |                       | No         | Y  | 6   | 21       | 1   | 39         |
| 27               | No        | Travel_Rar45 - 56                      |                       |                    | Other                 | STAFF-31<br>STAFF-32   |     | 31 Male<br>32 Female   | Research               | Divorced              | No<br>No   | Y  | 2   | 39       | .0  | 69         |
| 85               | Yes       | Travel_fre25 - 30                      | Ex-Emp                | logeRSD            |                       | oSTAFF-33              |     | 33 Female              | Research               |                       | Yes        | Y  | 5   | 53<br>32 | 1 0 | 128<br>112 |
| 29               | No<br>No  | Travel_Rar35 - 46                      |                       | EnSales            |                       | STAFF-35               |     | 35 Male                | Salen Exe              | <b>c</b> Married      | No         | Υ  | 2   | 42       | 1   | 69         |
| 3Ω.<br>31        | No        | Travel_Rar35 - 90<br>Travel_Rar95 - 50 |                       | EnSalen            | Medical<br>Marketin   | STAFF-36               |     | 36 Female<br>38 Female |                        | Married               | No         | Y  | 9   | - 99     | 1   | 97         |
| 32               | No        | Travel_Rar25 - 30                      |                       |                    | Medical               | STAFF-39               |     | 39 Male                | Manager<br>Laborator   |                       | No         | Y  | 3   | 96<br>33 | 1   | 70         |
| 33.              | No        | Travel_Rar35 - 90                      |                       |                    | Other                 | STAFF-90               |     | 00 Male                |                        | e Married             | Yes        | Y  | 5   | 99       | 1   | 195        |
| 34<br>35         | No<br>Yes | Travel_Rar25 - 30<br>Travel_Rar35 - 90 |                       |                    | Medical               | STAFF-91               |     | 97 Male                | Laborator              |                       | No         | Υ  | 5   | 30       | 1   | 72         |
| 36.              | Yes       | Travel Rarlinder                       | and the second        | laySales<br>layESD | Medical               | STAFF-95               |     | 92 Male<br>95 Male     | Salen Rep<br>Reneurch  | riMarried<br>SMarried | No         | Y  | 6 2 | 39       | 0   | 89         |
| 37               | No        | Travel_Rar35 - 90                      |                       |                    | Medical               | STAFF-96               |     | 16 Female              |                        | SDivorced             | No         | Y  | 3   | 93       | 0   | 127        |
| 38               | Yes       | Travel_Rar95 - 50                      |                       | loySales           |                       | STAFF-97               | -   | 97 Male                | Sales Rep              | Married               | Yes        | Y  | 2   | 50       | 0   | 86         |
| 39.              | No        | Travel_Rar35 - 90<br>Travel_Rar35 - 90 |                       | EnSales<br>EnDZD   |                       | STAFF-99<br>oSTAFF-S1  |     | 99 Female              |                        | Married               | No         | Υ  | 3   | 35       | 1   | 89         |
| ιΩ.<br>17        | No        | Travel Fre25 - 36                      |                       | EnSalen            |                       | oSTAFF-52              |     | 51 Female<br>52 Female |                        | SMarried<br>oMarried  | Yes        | Y  | 3   | 36<br>33 | 1   | 85         |
| 12               | No        | Travel_Rar35 - 90                      |                       |                    | Other                 | STAFF-53               |     | 53 Male                |                        | Divorced              | No         | Y  | 3   | 35       | 1   | 119        |
| 13.              | No        | Travel_Rar25 - 30                      |                       |                    |                       | oSTAFF-59              |     | 59 Female              |                        | Divorced              | No         | Y  | 6   | 27       | 1   | 729        |
| 34<br>35         | Yes       | Travel_Rar25 - 30<br>Travel_Fre25 - 30 |                       | EnSales            |                       | oSTAFF-55              |     | 55 Male                | Laborator              |                       | No         | Υ. | 2   | 26       | 0   | 135        |
| 16               | No        | Travel_Fre25 - 36                      |                       |                    | Medical               | STAFF-57               |     | 56 Male<br>57 Female   | Sales Exe<br>Laborator |                       | No         | Y  | 2   | 27<br>30 | 1   | 99<br>72   |
| 7                | Yes       | Travel_Rar35 - 90                      | Ex-Emp                | logiRSD            | Technical             | CSTAFF-58              |     | 58 Female              | Research               |                       | No         | Y  | 0   | 47       | 0   | 136        |
| -84              | No<br>No  | Non-Travel 25 - 30                     |                       | EsSains            |                       | STAFF 60               |     | 60 Male                | Salen Exe              |                       | No         | Υ  | 2   | .39      | 1   | 106        |
| 39<br>50         | No        | Travel_Rar35 - 94<br>Travel_Fre95 - 54 |                       | EnCales            |                       | STAFF-61<br>STAFF-62   |     | 61 Male<br>62 Male     | Research<br>Sales Exe  |                       | No<br>Yes  | Y  | 7 9 | 37       | 1   | 90         |
| 51               | No        | Travel_Rar35 - 90                      |                       |                    |                       | oSTAFF-63              |     | 63 Male                |                        | yMarried              | No.        | Y  | 2   | 35       | 1   | 127        |
| 52               | Yes       | Travel_Rar95 - 54                      | and the second second |                    |                       | oSTAFF-69              | -   | 69 Male                | Laborator              |                       | Yes        | Y  | 2   | 48       | 0   | 62         |
| 23               | Yea<br>No | Travel_Rar25 - 36<br>Travel_Rar35 - 46 |                       | EnSalen            |                       | CSTAFF-65              |     | 65 Male                | Laborator              |                       | Yes        | Y. | 3   | 28       | 0   | 193        |
| 55               | No        | Non-Trutvel 35 - 96                    |                       |                    | Medical               | STAFF-68<br>STAFF-70   |     | 68 Female<br>70 Male   |                        | e Married             | Yes        | Y  | 2 3 | 99<br>35 | 1   | 198        |
| 56               | No        | Travel_Rar25 - 36                      |                       | EnSales            |                       | STAFF-72               |     | 72 Female              | Sales Exe              |                       | Yes        | Y. | 2   | 26       | 1   | 199        |
| 57               | No        | Travel_Fre25 - 3                       |                       |                    |                       | oSTAFF-73              |     | 73 Female              | Research               |                       | Yes        | Υ  | 7   | 33       | 1   | 51         |
| 58.<br>59        | No<br>No  | Travel_Par35 - 90<br>Travel_Par35 - 90 |                       | EnSales<br>E-MED   |                       | STAFF-79<br>STAFF-75   |     | 79 Male                | Salea Exe<br>Laborator | oMarried              | No         | Y  | 3   | 35       | 1   | 85         |
| 50               | No        | Travel_Rar25 - 30                      |                       |                    |                       | oSTAFF-76              |     | 75 Female<br>76 Male   |                        | y Divorced            | Yes.<br>No | Y  | 3   | 35<br>31 | 1   | 1100<br>65 |
| 51               | No        | Travel_Rar35 - 90                      |                       | EnRSD              |                       | 6STAFF-77              |     | 77 Male                |                        | urDivorced            | No         | Y. | 2   | 37       | 1   | 111        |
| 52               | No<br>No  | Travel_Rar25 - 30                      |                       |                    | Medical               | STAFF-78               |     | 78 Male                |                        | Married               | Yes        | Y  | 3   | 32       | 1   | 42         |
| 53.<br>54        | No        | Travel_Fre35 - 90<br>Travel_Rar95 - 50 | Current<br>Current    | EnRSD              | Medical               | STAFF-79<br>STAFF-80   |     | 79 Female<br>80 Female | Laborator              | g Single<br>ODivorced | No         | Y  | 2   | 38<br>50 | 1   | 65         |
| 55               | No        | Travel_RarOver 5                       | 5 Current             | EnSales            |                       | STAFF-87               |     | 87 Female              | Sales Exe              |                       | No         | Y  | 3   | 59       | 1   | 193        |
| 66               | No        | Travel_Rar35 - 90                      |                       |                    | Technical             | CSTAFF-83              | - 1 | B3 Female              | Healthcan              | e Divorced            | No         | Y  | 2   | 36       | t   | 122        |
| 57               | No<br>No  | Travel_RarOver 5<br>Travel_Fre35 - 9   |                       |                    |                       |                        |     | 89 Female              |                        | Divorced              | Yes        | Y  | 2   | 55       | 1   | 83         |
| 58<br>59         | No        | Trovel_Rar95 - 50                      |                       |                    |                       | STAFF-85               |     | 85 Male<br>86 Male     | Manufact<br>Research   | SDivorced             | No<br>No   | Y  | 3   | 36<br>95 | 1   | 133        |
| 70               | No        | Travel_Fre35 - 90                      |                       |                    | Medical               | STAFF-88               |     | 88 Male                | Research               |                       | No         | Y  | 2   | 35       | 1   | 66         |
| 71               | Yes       | Travel_Rar35 - 90                      |                       |                    | Medical               | STAFF-90               |     | 90 Male                | Research               |                       | Yes        | Y  | 0   | 36       | 0   | 3%         |
| 72               | No<br>No  | Travel_Par25 - 3                       |                       | EnSains<br>EnR&D   |                       | oSTAFF-91              |     | 91 Female<br>94 Male   | Sales Exe<br>Research  | and the second second | No         | Y  | 3   | 59<br>29 | 1   | 122        |
| 74               | No        | Travel_Rar25 - 3                       |                       |                    |                       |                        |     | 95 Male                | Research               |                       | No         | Υ  | 9   | 31       | 1   | 108        |
| 75               | No        | Travel_Rar25 - 3                       | Carrent               | ENESD              | Life Scien            | STAFF-96               |     | 96 Male                | Research               |                       | No         | Y  | 3   | 32       | 1   | 59         |
| 76               | No        | Travel_Rar35 - 9                       |                       |                    |                       | STAFF-97               |     | 97 Female              | Laborator              |                       | No         | Υ  | 3   | 36       | 1   | 73         |
| 77               | No<br>No  | Travel_Rar25 - 3<br>Travel_Rar35 - 4   |                       | EnR&D<br>EnSales   |                       | STAFF-98<br>STAFF-100  |     | 98 Female<br>90 Male   | Manufact<br>Sales Exe  |                       | No<br>No   | Y  | 2 2 | 37<br>35 | 1   | 79         |
| 78.<br>79.       | No        | Travel_Rar95 - 50                      |                       |                    | Other                 | STAFF-101              |     | 01 Male                |                        | 6Married              | Yes        | Y  | 3   | 45       | 1   | 19         |
| 30               | No        | Travel_Rar35 - 44                      | Correct               | EnR&D              | Medical               | STAFF-102              |     | 02 Male                | Research               |                       | No         | Υ  | 3   | 37       | 1   | - 39       |
| 31               | No        | Travel_Rar95 - 5                       |                       |                    | Medical               | STAFF-103              |     | 03 Male                |                        | saDivorced            | Yes        | Y  | 2   | 96       | 1   | 99         |
| 32               | No<br>No  | Travel_Rar25 - 3:<br>Travel_Rar35 - 4: |                       |                    | Medical               | STAFF-109<br>STAFF-105 |     | 09 Male<br>05 Male     | Laborator              | The second second     | Yes        | Y  | 3   | 30<br>35 | 1   | 85<br>727  |
| 84               | No        | Travel_RarOver 5                       |                       | EnSalen            |                       | STAFF-106              |     | 06 Male                | Salen Exe              |                       | No         | Y  | 4   | 55       | 1   | 11         |
| -                | 1.00      | to my lane of                          |                       | E 100 E            |                       | Tables a plan annual   |     | ma (m. )               |                        | 100                   |            |    |     |          |     |            |



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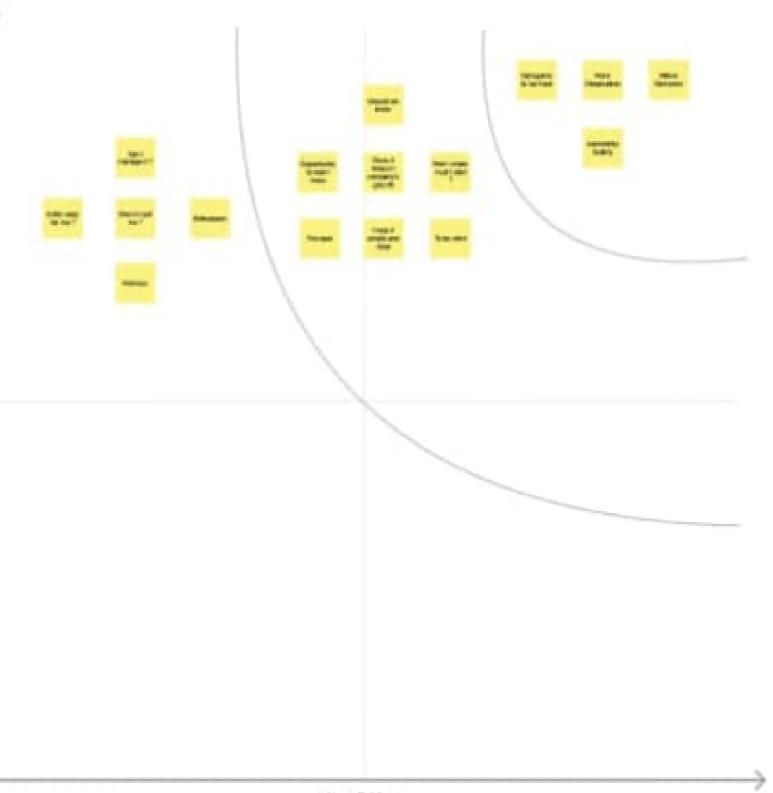




What behavior have we observed? What can we imagine them doing?







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40,000