

The following screenshots are from a Power BI dashboard I created as an example. The first page is designed to track the KPI 'Adherence' (ADH), which measures an employee's adherence to their scheduled work hours. A KPI, or Key Performance Indicator, is a quantifiable measure used to evaluate the success of an organization or individual in achieving specific goals:



On the second page, users can filter data to identify employees with specific login times, among other criteria:

**NAHUEL DOMINGUEZ DATA ANALYST**

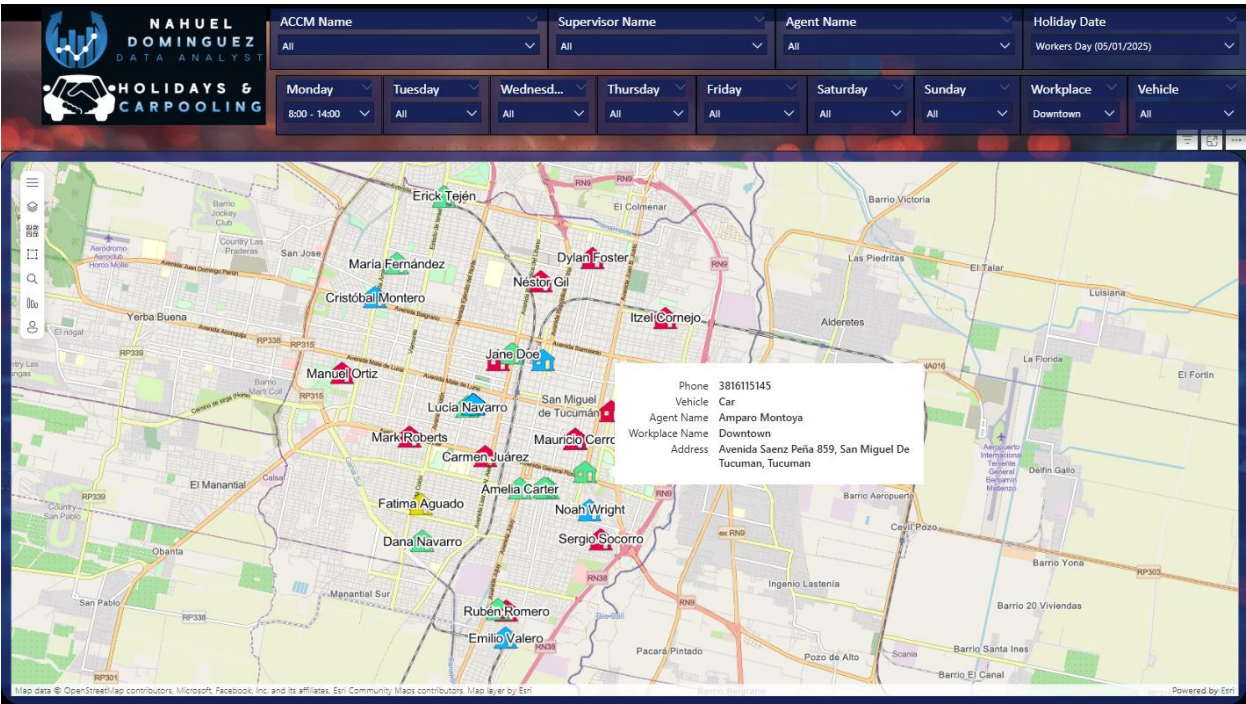
**HOLIDAYS & CARPOOLING**

ACCM Name: All | Supervisor Name: All | Agent Name: All | Holiday Date: Workers Day (05/01/2025)

Monday: 8:00 - 14:00 | Tuesday: All | Wednesday: All | Thursday: All | Friday: All | Saturday: All | Sunday: All | Workplace: Downtown | Vehicle: All

| Agent Name         | Supervisor         | Phone      | Address   | Skill          | Vehicle   | Monday       | Tuesday       | Wednesday     | Thursday      | Friday        | Saturday      | Sunday        |
|--------------------|--------------------|------------|---|----------------|-----------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Adrian Nieto       | Tony Stark         | 3811515634 | 8° Pte. Pe  | Tech Support   | Car       | 8:00 - 14:00 | Day Off       | 16:00 - 24:00 | 8:00 - 14:00  | 8:00 - 14:00  | 12:00 - 18:00 | 16:00 - 24:00 |
| Amelia Carter      | Indiana Jones      | 3816491291 | Independ  | Tech Support   | Car       | 8:00 - 14:00 | 8:00 - 14:00  | 16:00 - 24:00 | 16:00 - 24:00 | 16:00 - 24:00 | 16:00 - 24:00 | 16:00 - 24:00 |
| Amparo Montoya     | Ebenezer Scrooge   | 3816115145 | Avenida 5   | Retention      | Car       | 8:00 - 14:00 | 10:00 - 16:00 | Day Off       | 16:00 - 24:00 | 10:00 - 16:00 | 8:00 - 14:00  | Day Off       |
| Dana Navarro       | Samwise Gamgee     | 3817001400 | Granadon  | Sales          | Car       | 8:00 - 14:00 | 12:00 - 18:00 | Day Off       | 8:00 - 14:00  | 10:00 - 16:00 | 12:00 - 18:00 | 12:00 - 18:00 |
| Erik Nijel         | Atticus Finch      | 3819146524 | Av. Franc   | Retention      | Car       | 8:00 - 14:00 | 12:00 - 18:00 | 8:00 - 14:00  | 16:00 - 24:00 | 12:00 - 18:00 | 16:00 - 24:00 | 10:00 - 16:00 |
| Jane Doe           | Dorian Gray        | 3818727025 | Corrientes  | Administrative | Car       | 8:00 - 14:00 | 12:00 - 18:00 | 12:00 - 18:00 | 8:00 - 14:00  | 14:00 - 20:00 | 12:00 - 18:00 | 14:00 - 20:00 |
| Lucia Navarro      | Huckleberry Finn   | 3819043070 | Casa 3 0, San Miguel De Tucuman, Tucuman                                  | Administrative | Car       | 8:00 - 14:00 | 16:00 - 24:00 | 14:00 - 20:00 | 8:00 - 14:00  | 8:00 - 14:00  | Day Off       | 14:00 - 20:00 |
| Maria Fernandez    | Elizabeth Bennet   | 3816353529 | Pje Pedro De Valdivia 3397, San Miguel De Tucuman, Tucuman                | Retention      | Car       | 8:00 - 14:00 | 8:00 - 14:00  | 8:00 - 14:00  | 10:00 - 24:00 | Day Off       | 10:00 - 16:00 | 8:00 - 14:00  |
| Marta Campos       | Jean Valjean       | 3815880070 | B° Soeme Mza 17 Csa 30, San Miguel De Tucuman, Tucuman                    | Retention      | Car       | 8:00 - 14:00 | 8:00 - 14:00  | 16:00 - 24:00 | 10:00 - 24:00 | 14:00 - 20:00 | 14:00 - 20:00 | 12:00 - 18:00 |
| Nathan Griffin     | Samwise Gamgee     | 3818199859 | Lamadrid 782 Piso: Pb Dto: D, San Miguel De Tucuman, Tucuman              | Administrative | Car       | 8:00 - 14:00 | 10:00 - 16:00 | Day Off       | 14:00 - 20:00 | 10:00 - 16:00 | 14:00 - 20:00 | 8:00 - 14:00  |
| Oliver Scott       | Jay Gatsby         | 3817507492 | Florida 554, San Miguel De Tucuman, Tucuman                               | Tech Support   | Car       | 8:00 - 14:00 | 16:00 - 24:00 | 10:00 - 16:00 | 14:00 - 20:00 | 16:00 - 24:00 | 16:00 - 24:00 | 12:00 - 18:00 |
| Patricia Robinson  | Tyrion Lannister   | 3813966121 | 9 De Julio 1224 Piso 2, San Miguel De Tucuman, Tucuman                    | Administrative | Car       | 8:00 - 14:00 | 10:00 - 16:00 | 8:00 - 14:00  | 16:00 - 24:00 | 8:00 - 14:00  | Day Off       | 16:00 - 24:00 |
| Alberto Cano       | Peter Parker       | 3819669421 | Barrio Los Fresnos 150 V. Mza B C 1, San Miguel De Tucuman, Tucuman       | Administrative | Motorbike | 8:00 - 14:00 | 14:00 - 20:00 | 12:00 - 18:00 | 8:00 - 14:00  | 10:00 - 16:00 | 14:00 - 20:00 | 14:00 - 20:00 |
| Amey Howell        | Duquerra Targaryen | 3817983790 | Pje Nequezen 961 Dto: A, San Miguel De Tucuman, Tucuman                   | Administrative | Motorbike | 8:00 - 14:00 | 12:00 - 18:00 | 12:00 - 18:00 | 10:00 - 16:00 | 16:00 - 24:00 | 16:00 - 24:00 | Day Off       |
| Camila Rabadello   | Capitan Ahab       | 3811909544 | General Paz 365 Piso 1 Dto: B, San Miguel De Tucuman, Tucuman             | Tech Support   | Motorbike | 8:00 - 14:00 | 12:00 - 18:00 | 14:00 - 20:00 | 10:00 - 16:00 | Day Off       | Day Off       | 14:00 - 20:00 |
| Cristobal Montoya  | Jane Bond          | 3817516085 | Santa Fe 912, San Miguel De Tucuman, Tucuman                              | Retention      | Motorbike | 8:00 - 14:00 | 14:00 - 20:00 | 14:00 - 20:00 | Day Off       | 12:00 - 18:00 | 8:00 - 14:00  | 8:00 - 14:00  |
| Enilio Valero      | Luke Skywalker     | 3815033695 | Buenos Aires 1160, San Miguel De Tucuman, Tucuman                         | Tech Support   | Motorbike | 8:00 - 14:00 | Day Off       | 12:00 - 18:00 | 16:00 - 24:00 | 14:00 - 20:00 | 8:00 - 14:00  | 12:00 - 18:00 |
| Joaquin Gil        | Jon Snow           | 3818856864 | B° Sutitaga Mza C Casa 18 18, San Miguel De Tucuman, Tucuman              | Tech Support   | Motorbike | 8:00 - 14:00 | 10:00 - 16:00 | 16:00 - 24:00 | Day Off       | 16:00 - 24:00 | 14:00 - 20:00 | 8:00 - 14:00  |
| Lourdes Varela     | Scarlett O'Hara    | 3819925391 | Pedro Mascagni 241, San Miguel De Tucuman, Tucuman                        | Tech Support   | Motorbike | 8:00 - 14:00 | 14:00 - 20:00 | 16:00 - 24:00 | Day Off       | Day Off       | 14:00 - 20:00 | 14:00 - 20:00 |
| Noah Wright        | Bilbo Baggins      | 3816672786 | Pje Gutemberg 157, San Miguel De Tucuman, Tucuman                         | Retention      | Motorbike | 8:00 - 14:00 | Day Off       | 16:00 - 24:00 | 10:00 - 16:00 | 16:00 - 24:00 | 14:00 - 20:00 | 12:00 - 18:00 |
| Valentina Calderin | Samwise Gamgee     | 3812402021 | Batalla De Tucuman 1363, San Miguel De Tucuman, Tucuman                   | Administrative | Motorbike | 8:00 - 14:00 | 14:00 - 20:00 | 16:00 - 24:00 | Day Off       | 12:00 - 18:00 | 16:00 - 24:00 | 16:00 - 24:00 |
| Adriana Pasterin   | Ebenezer Scrooge   | 381803174  | B° Los Lapachos Mza A Casa 21 21, San Miguel De Tucuman, Tucuman          | Tech Support   | None      | 8:00 - 14:00 | 12:00 - 18:00 | 14:00 - 20:00 | 10:00 - 16:00 | 12:00 - 18:00 | 14:00 - 20:00 | 8:00 - 14:00  |
| Carmin Juarez      | Duquerra Targaryen | 3814096409 | Pje Miguel Lillo 939 Dto: I, San Miguel De Tucuman, Tucuman               | Administrative | None      | 8:00 - 14:00 | Day Off       | 14:00 - 20:00 | 8:00 - 14:00  | Day Off       | 16:00 - 24:00 | 14:00 - 20:00 |
| Dylan Foster       | Samwise Gamgee     | 3817254557 | Pje Tercer Centenario 597 Piso: 2 Dto: A, San Miguel De Tucuman, Tucuman  | Administrative | None      | 8:00 - 14:00 | 14:00 - 20:00 | Day Off       | 12:00 - 18:00 | 16:00 - 24:00 | Day Off       | Day Off       |
| Estrella Mendez    | Duquerra Targaryen | 3817154910 | Lola Mora 298, San Miguel De Tucuman, Tucuman                             | Sales          | None      | 8:00 - 14:00 | Day Off       | 8:00 - 14:00  | Day Off       | 14:00 - 20:00 | 16:00 - 24:00 | 8:00 - 14:00  |
| Eva Sarano         | Luke Skywalker     | 3817333151 | Sector Xv Manzana 2 Casa 36 Lomas De Tafi, San Miguel De Tucuman, Tucuman | Tech Support   | None      | 8:00 - 14:00 | 8:00 - 14:00  | 14:00 - 20:00 | 16:00 - 24:00 | 12:00 - 18:00 | 16:00 - 24:00 | 12:00 - 18:00 |
| Gonzalo Salazar    | Indiana Jones      | 3816586838 | Obispo Colombares 346, San Miguel De Tucuman, Tucuman                     | Administrative | None      | 8:00 - 14:00 | Day Off       | 8:00 - 14:00  | Day Off       | 8:00 - 14:00  | 12:00 - 18:00 | 12:00 - 18:00 |
| Itzel Comajo       | Huckleberry Finn   | 3817537079 | Pje Martin Becho 700, San Miguel De Tucuman, Tucuman                      | Administrative | None      | 8:00 - 14:00 | Day Off       | 8:00 - 14:00  | 16:00 - 24:00 | 8:00 - 14:00  | Day Off       | 12:00 - 18:00 |
| Leonor Morán       | Kathiss Everdeen   | 3816353574 | Cordoba 450 3 Piso Depto. F, San Miguel De Tucuman, Tucuman               | Sales          | None      | 8:00 - 14:00 | 12:00 - 18:00 | 16:00 - 24:00 | 14:00 - 20:00 | 8:00 - 14:00  | 14:00 - 20:00 | 16:00 - 24:00 |
| Manuel Ortiz       | Hannibal Lecter    | 3817773983 | Pablo Rojas Paz 367, San Miguel De Tucuman, Tucuman                       | Administrative | None      | 8:00 - 14:00 | 12:00 - 18:00 | Day Off       | 14:00 - 20:00 | 12:00 - 18:00 | 14:00 - 20:00 | 8:00 - 14:00  |
| Marcos Lamas       | Dorian Gray        | 3817495115 | Mario Bravo 699, San Miguel De Tucuman, Tucuman                           | Tech Support   | None      | 8:00 - 14:00 | 12:00 - 18:00 | 16:00 - 24:00 | 14:00 - 20:00 | 14:00 - 20:00 | 16:00 - 24:00 | 8:00 - 14:00  |
| Mark Roberts       | Hermione Granger   | 3819868029 | Alf Roca 2820, San Miguel De Tucuman, Tucuman                             | Tech Support   | None      | 8:00 - 14:00 | 16:00 - 24:00 | 14:00 - 20:00 | 14:00 - 20:00 | 14:00 - 20:00 | 10:00 - 16:00 | 14:00 - 20:00 |
| Mauricio Carr      | Holden Caulfield   | 3818558850 | General Paz 265 Piso: 6 Depto: 5, San Miguel De Tucuman, Tucuman          | Retention      | None      | 8:00 - 14:00 | 10:00 - 16:00 | 8:00 - 14:00  | 14:00 - 20:00 | 12:00 - 18:00 | 12:00 - 18:00 | 16:00 - 24:00 |
| Megan Turner       | Harry Potter       | 3815292310 | Teodoro Garcia 2873 SA, San Miguel De Tucuman, Tucuman                    | Administrative | None      | 8:00 - 14:00 | 16:00 - 24:00 | 14:00 - 20:00 | 16:00 - 24:00 | 14:00 - 20:00 | 8:00 - 14:00  | 10:00 - 16:00 |

The third page features a map that visualizes the locations of employees' homes and their vehicle types, facilitating carpool coordination:



The next two screenshots illustrate the data model design and the ETL (Extract, Transform, Load) process:

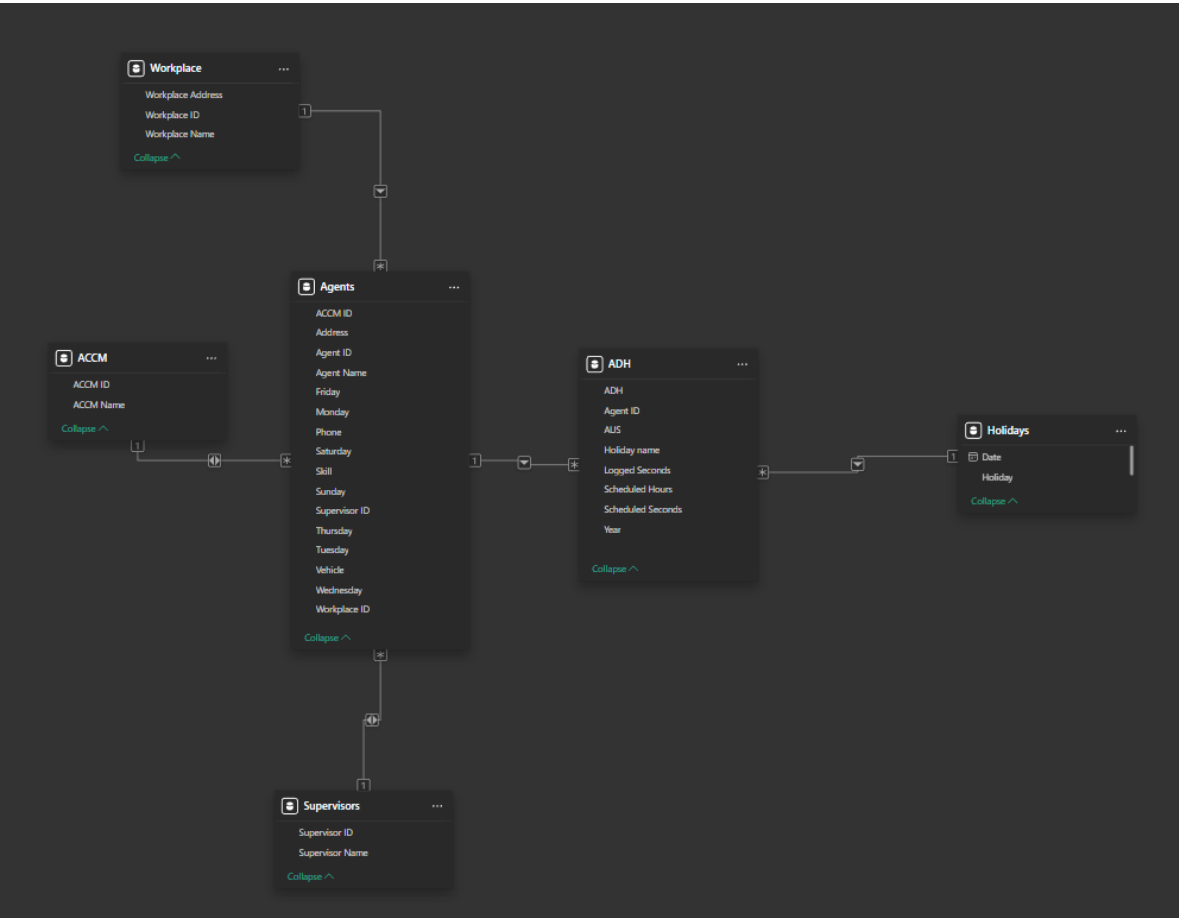


Table: TransformColumnTypes("Promoted Headers", [{"Agent ID", "Int64.Type"}, {"Agent Name", "type text"}, {"Address", "type text"}, {"Workplace ID", "Int64.Type"}, {"Supervisor ID", "Int64.Type"}, {"ACCM ID", "Int64.Type"}, {"Vehicle", "type text"}])

| Agent ID | Agent Name        | Address  | Phone      | Workplace ID | Supervisor ID | ACCM ID |
|----------|-------------------|--|------------|--------------|---------------|---------|
| 1        | John Smith        | Paraguay 1269 SO, San Miguel De Tucuman, Tucuman                             | 3812020807 | 1            | 29            |         |
| 2        | Jane Doe          | Boulevard 680, San Miguel De Tucuman, Tucuman                                | 3817945975 | 1            | 29            |         |
| 3        | Michael Johnson   | Pedregal 882, San Miguel De Tucuman, Tucuman                                 | 3812144380 | 1            | 23            |         |
| 4        | Emily Davis       | Placito Maria 809, San Miguel De Tucuman, Tucuman                            | 3810398027 | 1            | 21            |         |
| 5        | Chris Brown       | Bogota 367 78, San Miguel De Tucuman, Tucuman                                | 3818323186 | 3            | 20            |         |
| 6        | Jessica Wilson    | Valentin Gomez 3442 4A, San Miguel De Tucuman, Tucuman                       | 3819800669 | 2            | 25            |         |
| 7        | David Martinez    | Pedregal 887, San Miguel De Tucuman, Tucuman                                 | 3812679947 | 3            | 27            |         |
| 8        | Sarah Lee         | Sito De Monsevidio 2932, San Miguel De Tucuman, Tucuman                      | 3812725942 | 2            | 12            |         |
| 9        | Daniel Anderson   | La Roca 3035, San Miguel De Tucuman, Tucuman                                 | 3818605302 | 1            | 23            |         |
| 10       | Laura Taylor      | Av. La Plata 1057 2 B, San Miguel De Tucuman, Tucuman                        | 3813333224 | 2            | 38            |         |
| 11       | James Thomas      | Lebenscho 127 Piso: PB Dto: F, San Miguel De Tucuman, Tucuman                | 3819400609 | 1            | 27            |         |
| 12       | Linda White       | Mendoza 3050 Pto. San Miguel De Tucuman, Tucuman                             | 3816146147 | 1            | 24            |         |
| 13       | Robert Harris     | Calle 7 483 Piso: 8 Dto: E, San Miguel De Tucuman, Tucuman                   | 3816914876 | 2            | 8             |         |
| 14       | Mary Clark        | Barrio Jardin B Dto: S, San Miguel De Tucuman, Tucuman                       | 3811373863 | 2            | 22            |         |
| 15       | William Lewis     | Av De Los Constituyentes 5180 Piso: 3 Dto: A, San Miguel De Tucuman, Tucuman | 3811890968 | 1            | 2             |         |
| 16       | Patricia Robinson | Sito De Monsevidio 2581, San Miguel De Tucuman, Tucuman                      | 3811317417 | 1            | 41            |         |
| 17       | Joseph Walker     | Pedro Morin 4899 S, San Miguel De Tucuman, Tucuman                           | 3817864500 | 1            | 6             |         |
| 18       | Barbara Hall      | Arnoldi 401 Piso: 4 Dto: D, San Miguel De Tucuman, Tucuman                   | 3811635948 | 1            | 23            |         |
| 19       | Charles Allen     | Juan Juarez 141 2127 - Piso: B - Dto: D, San Miguel De Tucuman, Tucuman      | 3812143438 | 1            | 30            |         |
| 20       | Jennifer Young    | Larrazabal 2314 PB, San Miguel De Tucuman, Tucuman                           | 3812752256 | 2            | 12            |         |
| 21       | Andrew Scott      | Balcarce 3490 17B, San Miguel De Tucuman, Tucuman                            | 3812475540 | 2            | 29            |         |
| 22       | Megan Turner      | Teodoro Garcia 2873 5A, San Miguel De Tucuman, Tucuman                       | 3812592310 | 1            | 1             |         |
| 23       | Brian King        | Andrade 1655, San Miguel De Tucuman, Tucuman                                 | 3811745565 | 3            | 14            |         |
| 24       | Rachel Adams      | Santa Fe 4910 Piso: 3 Dto: C, San Miguel De Tucuman, Tucuman                 | 3812600072 | 1            | 2             |         |
| 25       | Kevin Wright      | Molave 8038, San Miguel De Tucuman, Tucuman                                  | 3818757666 | 1            | 2             |         |
| 26       | Olivia Green      | Misiones 3417, San Miguel De Tucuman, Tucuman                                | 3818008140 | 3            | 43            |         |
| 27       | Steven Baker      | Bartolome Mitre 880 Dto: A, San Miguel De Tucuman, Tucuman                   | 3818048735 | 3            | 42            |         |
| 28       | Natalie Hill      | Rafaela 4768 Dto: 3, San Miguel De Tucuman, Tucuman                          | 3812091951 | 2            | 30            |         |
| 29       | Eric Nelson       | Maximo Paz 2943, San Miguel De Tucuman, Tucuman                              | 3817539880 | 1            | 2             |         |
| 30       | Samantha Carter   | Calle Larrazabal 2943, San Miguel De Tucuman, Tucuman                        | 3811176201 | 2            | 29            |         |

The final screenshot is from a different dashboard created in Excel, showcasing a pivot table that analyzes the profits and performance of waiters and products in a restaurant. The KPIs and formulas were developed by me:

| G9            |               | =D9*100/GETPIVOTDATA("Ganancia",\$A\$3,"Atendió","Joel") |               |                      |                       |                      |
|---------------|---------------|--|---------------|----------------------|-----------------------|----------------------|
| A             | B             | C  | D             | E                    | F                     | G                    |
|               |               |  |               |                      |                       |                      |
| Profits       | Column Labels |  |               |                      |                       |                      |
| Waiter        | Drinks        | Food   | Grand Total   | Performance Quartile | Negative Profitis KPI | Positive Profits KPI |
| Joel          | \$ 24,159.41  | \$ 35,978.84   | ↑ \$60,138.25 | Q1                   | 0                     | 100                  |
| Ernesto       | \$ 22,978.11  | \$ 36,559.45   | ↑ \$59,537.56 | Q1                   | 601                   | 99                   |
| Alejandro     | \$ 24,318.33  | \$ 33,416.51   | ↑ \$57,734.84 | Q1                   | 2403                  | 96                   |
| Omar          | \$ 21,033.01  | \$ 35,865.51   | ↑ \$56,898.52 | Q2                   | 3240                  | 95                   |
| Saul          | \$ 21,193.31  | \$ 32,658.85   | ↔ \$53,852.16 | Q2                   | 6286                  | 90                   |
| Rodolfo       | \$ 19,230.16  | \$ 34,460.17   | ↔ \$53,690.33 | Q3                   | 6448                  | 89                   |
| Mariana       | \$ 18,554.67  | \$ 34,139.44   | ↔ \$52,694.11 | Q3                   | 7444                  | 88                   |
| Valentina     | \$ 17,993.16  | \$ 31,909.97   | ↔ \$49,903.13 | Q4                   | 10235                 | 83                   |
| Mauricio      | \$ 8,699.30   | \$ 27,754.61   | ↓ \$36,453.91 | Q4                   | 23684                 | 61                   |
| Total general | \$ 178,159.46 | \$ 302,743.35  | \$ 480,902.81 |                      |                       |                      |