**"Data Dictionary"**

|  |  |  |  |
| --- | --- | --- | --- |
| Delivery Code | Number of items | Date of delivery | Store\_ID |
| 10 | 2 | 4/1/2025 | 147 |
| 20 | 3 | 6/1/2025 | 159 |
| 30 | 4 | 8/1/2025 | 258 |
| 40 | 5 | 10/1/2025 | 369 |
| 50 | 6 | 12/1/2025 | 741 |
| 60 | 7 | 14/1/2025 | 753 |
| 80 | 8 | 16/1/2025 | 852 |
| 100 | 9 | 18/1/2025 | 963 |

1.Table: Delivery

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Data Format | Field Size | Description | Example |
| Delivery Code | integer | NN | 2 | Unique number of each delivery | 10 |
| Number of items | Integer | N | 100 | Number of items in each order | 2 |
| Date of delivery | Date/Time | NN/NN/NNNN | 10 | Date of each delivery process | 4/1/2025 |
| Store\_ID | integer | NNN | 3 | Unique number of each store | 147 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| Employee\_ID | Employee Name | Salary | Store\_ID |
| 11 | Ahmed | 500.00 $ | 147 |
| 22 | Ali | 300.00 $ | 159 |
| 33 | Mohamed | 350.00 $ | 258 |
| 44 | Mostafa | 600.00 $ | 369 |
| 55 | Amira | 550.00 $ | 741 |
| 66 | Mona | 300.00 $ | 753 |
| 77 | Mahmoud | 250.00 $ | 852 |
| 88 | Hassan | 400.00 $ | 963 |

2.Table: Employee

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Data Format | Field Size | Description | Example |
| Employee\_ID | Integer | NN | 2 | Unique number of each employee | 11 |
| Employee Name | Text | LLLLLLLL | 20 | Name of each employee | Ahmed |
| Salary | Float | NNN.NN | 15 | Salary of each employee | 500.00 $ |
| Store\_ID | integer | NNN | 3 | Unique number of each store | 147 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Order\_ID | Number of items | order Location | Price | Availability |
| 21 | 2 | Cairo | 300.00 $ | YES |
| 31 | 3 | Assuit | 400.00 $ | YES |
| 41 | 4 | Sohag | 500.00 $ | NO |
| 51 | 5 | Alex | 350.00 $ | YES |
| 61 | 6 | Qena | 450.00 $ | NO |
| 71 | 7 | El\_Mansours | 600.00 $ | YES |
| 81 | 8 | El\_Sharkia | 1000.00 $ | YES |

3.Table: Order

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Data Format | Field Size | Description | Example |
| Order\_ID | Integer | NN | 2 | Unique number of each order | 21 |
| Number of items | Integer | N | 3 | Number of items in each order | 2 |
| order Location | Text | LLLLLLL | 15 | Receiving location of each order | Cairo |
| Price | Float | NNNN.NN | 10 | Total cost of each order | 300.00 $ |
| Availability | Boolean | LLL | 3 | Availability and non-availability of each order | YES |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Invoice | Payee Name | Products Purchased | Amount Paid | Payment Mode |
| 123 | Adham | Books | 1,000.00 $ | Cash |
| 124 | Amir | Clothes | 1,500.00 $ | Cash |
| 125 | Ahmed | Perfume | 2,000.00 $ | Visa |
| 126 | Arwa | Phones | 1,000.00 $ | Cash |
| 127 | Nour | art tools | 3,000.00 $ | Visa |
| 128 | Abdullah | make\_up | 5,000.00 $ | Visa |
| 129 | Mohamed | Laotops | 1,000.00 $ | Cash |
| 130 | Amira | shoes | 700.00 $ | Cash |

4.Table: Payment

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Data Format | Field Size | Description | Example |
| Invoice | integer | NNN | 3 | Unique number of each order | 123 |
| Payee Name | Text | LLLLLL | 10 | Name of each payee | Adham |
| Products Purchased | Text | LLLLLL | 10 | Name of each Products Purchased | Books |
| Amount Paid | Float | N.NNN.NN | 10 | Amount paid of each order | 1,000.00 $ |
| Payment Mode | Text | LLLL | 4 | Payment Mode of each order | Cash |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Product\_ID | Product Name | Expiry\_Date | Price | Promo\_Code |
| 110 | Books | 8/10/2030 | 100.00 $ | 123 |
| 120 | Clothes | 30/6/2030 | 500.00 $ | 159 |
| 130 | Perfume | 27/5/2030 | 150.00 $ | 256 |
| 140 | Shoes | 7/12/2030 | 200.00 $ | 258 |
| 150 | art tools | 20/8/2030 | 700.00 $ | 325 |
| 160 | make\_up | 13/10/2030 | 1,000.00 $ | 358 |
| 170 | Labtops | 15/12/2030 | 5,000.00 $ | 852 |
| 180 | phones | 11/11/2030 | 3,000.00 $ | 985 |

5.Table: Product

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Data Format | Field Size | Description | Example |
| Product\_ID | Integer | NNN | 3 | Unique of each | 110 |
| Product Name | Text | LLLLLL | 10 | Name of each product | Books |
| Expiry\_Date | Date/Time | NN/NN/NNNN | 10 | Expiry\_Date of each product | 8/10/2030 |
| Price | Float | N.NNN.NN | 10 | Price of each product | 100.00 $ |
| Promo\_Code | integer | NNN | 3 | Promo\_Code of each product | 123 |

|  |  |  |
| --- | --- | --- |
| Promo\_Code | Product Name | Product ID |
| 123 | Books | 110 |
| 159 | Clothes | 120 |
| 256 | Perfume | 130 |
| 258 | Shoes | 140 |
| 325 | art tools | 150 |
| 358 | make\_up | 160 |
| 852 | Labtops | 170 |
| 985 | phones | 180 |

6.Table: Promotion

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Data Format | Field Size | Description | Example |
| Promo\_Code | Integer | NNN | 3 | Unique number of each promo | 123 |
| Product Name | Text | LLLLLLLL | 10 | Name of each product will be promoting | Books |
| Product ID | Integer | NNN | 3 | Unique number of each product | 110 |

|  |  |  |
| --- | --- | --- |
| Store\_ID | Store Name | Location |
| 147 | Ward | Qena |
| 159 | Zein | Cairo |
| 258 | Moon | Alex |
| 369 | MM | Suhag |
| 741 | Man\_Store | Assuit |
| 753 | King | Dumyat |
| 852 | Pink | El Mansoura |
| 963 | Rozaliena | El-Sharkia |

7.Table: Store

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Data Format | Field Size | Description | Example |
| Store\_ID | Integer | NNN | 3 | Unique number of each store | 147 |
| Store Name | Text | LLLLLLLLL | 20 | The name of each store | Ward |
| Location | Text | LLLLLLLLL | 10 | Location of each store | Qena |