Store Analytics

# Sample INPUT/OUTPUT Table structure

**INPUT TABLE:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ProductID** | **StoreId** | **Date** | **Day** | **Rainfall** | **Temp** | **GasPrice** | **InterestRate** | **Sales** |
| 4 | 20 | 3/3/2016 | Thursday | 1.87 | 40 | 40.21 | 15 | 60000 |
| 4 | 20 | 3/4/2016 | Friday | 1.25 | 30 | 21.55 | 15 | 56666 |
| 4 | 20 | 3/5/2016 | Saturday | 1.4 | 32 | 28.015 | 13.2 | 55500 |
| 4 | 20 | 3/6/2016 | Sunday | 1.568 | 26 | 36.4195 | 15 | 30265 |
| 4 | 20 | 3/7/2016 | Monday | 1.75616 | 42 | 47.34535 | 16.2 | 14258 |
| 4 | 20 | 3/8/2016 | Tuesday | 1.966899 | 44 | 61.54896 | 13.6 | 16259 |

**DATA TYPES:**

|  |  |
| --- | --- |
| ProductID | int |
| StoreId | int |
| Date | date |
| Day | varchar(20) |
| Rainfall | float |
| Temp | float |
| GasPrice | float |
| InterestRate | float |
| Sales | bigint |

**OUTPUT TABLE:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **StoreId** | **ProductID** | **Date** | **Day** | **Sales** |
| 20 | 4 | 3/13/2016 | Sunday | 35263 |
| 20 | 4 | 3/14/2016 | Monday | 20000 |
| 20 | 4 | 3/15/2016 | Tuesday | 15000 |

**DATA TYPES:**

|  |  |
| --- | --- |
| StoreId | int |
| ProductID | int |
| Date | date |
| Day | nchar(20) |
| Sales | bigint |