|  |  |
| --- | --- |
| Database Name | WorkOrderModule |
| Update Frequency | Daily |
| Database Description | Work Orders associated with Customer Service Requests |
| Database Keywords | Work Orders; Maintenance |

## work\_order\_fact

| Field | Description | Type | Default | Other |
| --- | --- | --- | --- | --- |
| WorkOrder\_ID | Surrogate Key | int |  | PK |
| Activity\_ID | Foreign Key for 'wo\_activity\_' Table | int |  | FK |
| ServiceRequest\_ID | Foreign Key for 'service\_request\_' Table | int |  | FK, NULLABLE |
| TimeID | Foreign Key for 'work\_order\_time\_' Table | int |  | FK |
| WorkOrderNumber | Work Order Unique Number | int |  | UNIQUE |

## wo\_activity\_

| Field | Description | Type | Default | Other |
| --- | --- | --- | --- | --- |
| ActivityID | Surrogate Key | int |  | PK |
| ActivityCode | Code for the Work Order Activity | varchar(12) |  |  |
| ActivityDescription | Description of the Work Order Activity | varchar(300) |  | NULLABLE |

## service\_request\_

| Field | Description | Type | Default | Other |
| --- | --- | --- | --- | --- |
| ServiceRequestID | Surrogate Key | int |  | PK, NULLABLE |
| ServiceRequestNumber | Service Request number where applicable | int |  | NULLABLE |

## work\_order\_time\_

| Field | Description | Type | Default | Other |
| --- | --- | --- | --- | --- |
| Time\_ID | Surrogate Key | int |  | PK |
| Started\_ID | Foreign Key for 'wo\_time\_started\_' Table | int |  | FK, NULLABLE |
| Completed\_ID | Foreign Key for 'wo\_time\_completed\_' Table | int |  | FK, NULLABLE |
| Added\_ID | Foreign Key for 'wo\_time\_added\_' Table | int |  | FK, NULLABLE |

## wo\_time\_started\_

| Field | Description | Type | Default | Other |
| --- | --- | --- | --- | --- |
| Started\_ID | Surrogate Key | int |  | PK, NULLABLE |
| Started\_time | When the work order was started | DATETIME |  | NULLABLE |
| Day\_of\_week\_ID | Foreign Key for 'day\_of\_week\_' Table | int |  | FK, NULLABLE |
| Year | The Year the Work Order was added | int |  | NULLABLE |
| Month | The Month the Work Order was added | int |  | NULLABLE |
| Day | The Day the Work Order was added | int |  | NULLABLE |
| Hour | The Hour the Work Order was added | int |  | NULLABLE |
| Minute | The Minute the Work Order was added | int |  | NULLABLE |
| Second | The Second the Work Order was added | int |  | NULLABLE |

## wo\_time\_completed\_

| Field | Description | Type | Default | Other |
| --- | --- | --- | --- | --- |
| Completed\_ID | Surrogate Key | int |  | PK, NULLABLE |
| Completed\_time | When the work order was completed | DATETIME |  | NULLABLE |
| Day\_of\_week\_ID | Foreign Key for 'day\_of\_week\_' Table | int |  | FK, NULLABLE |
| Year | The Year the Work Order was added | int |  | NULLABLE |
| Month | The Month the Work Order was added | int |  | NULLABLE |
| Day | The Day the Work Order was added | int |  | NULLABLE |
| Hour | The Hour the Work Order was added | int |  | NULLABLE |
| Minute | The Minute the Work Order was added | int |  | NULLABLE |
| Second | The Second the Work Order was added | int |  | NULLABLE |

## wo\_time\_added\_

| Field | Description | Type | Default | Other |
| --- | --- | --- | --- | --- |
| Added\_ID | Surrogate Key | int |  | PK |
| Added\_time | When the work order was added into the system | DATETIME |  |  |
| Day\_of\_week\_ID | Foreign Key for 'day\_of\_week\_' Table | int |  | FK |
| Year | The Year the Work Order was added | int |  |  |
| Month | The Month the Work Order was added | int |  |  |
| Day | The Day the Work Order was added | int |  |  |
| Hour | The Hour the Work Order was added | int |  |  |
| Minute | The Minute the Work Order was added | int |  |  |
| Second | The Second the Work Order was added | int |  |  |

## day\_of\_week\_

| Field | Description | Type | Default | Other |
| --- | --- | --- | --- | --- |
| Day\_of\_week\_ID | Surrogate Key | int |  | PK |
| dayinweek | The day of the week | varchar(12) |  |  |