

Manufacturing_process

| | |
|-----------------------|-------------|
| MachineID | VARCHAR(PK) |
| ProductionBatchNumber | VARCHAR |
| OperatorID | VARCHAR |
| Start_End_Time | DATETIME |
| Defect_Rate | DECIMAL |

QualityMetric

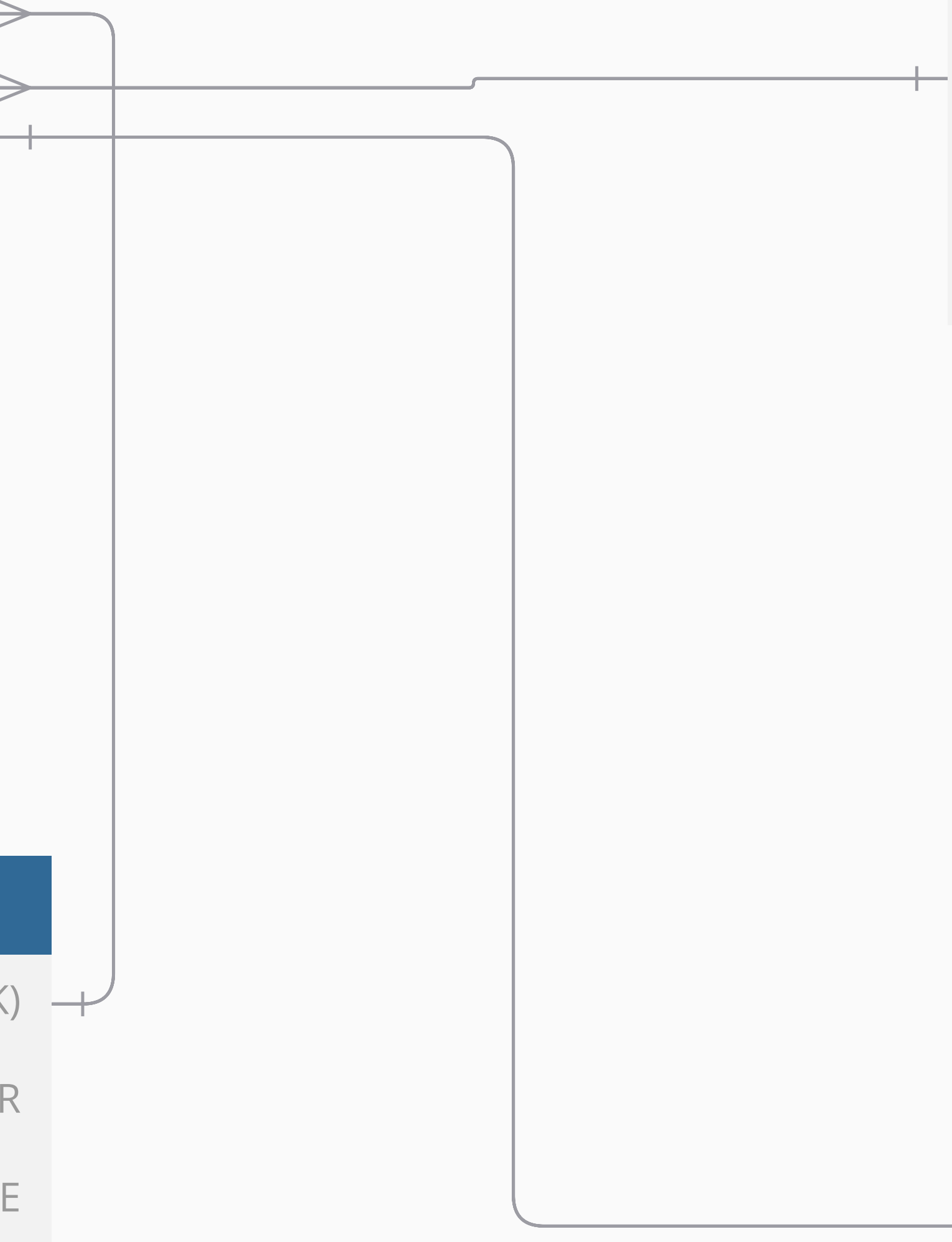
| | |
|---------------------------|-------------|
| QCBatchID | VARCHAR(PK) |
| DefectType | VARCHAR |
| InspectionDate | DATE |
| BatchNumber | VARCHAR |
| ActionTaken_ScrapOrRework | VARCHAR |

Product

| | |
|-----------------------|-------------|
| ProductID | VARCHAR(PK) |
| ProductionBatchNumber | VARCHAR |
| ProductName | VARCHAR |
| Defect_Rate | DECIMAL |

Supplier

| | |
|--------------|-------------|
| SupplierID | VARCHAR(PK) |
| MaterialType | VARCHAR |
| DeliveryDate | DATE |
| BatchNumber | VARCHAR |



| Manufacturing_process | | |
|-----------------------|-------------|--------|
| MachineID | VARCHAR(PK) | * 1 |
| ProductionBatchNumber | VARCHAR | |
| OperatorID | VARCHAR | |
| Start_End_Time | DATETIME | |
| Defect_Rate | DECIMAL | |

| QualityMetric | | |
|---------------------------|-------------|---|
| QCBatchID | VARCHAR(PK) | 1 |
| DefectType | VARCHAR | |
| InspectionDate | DATE | |
| BatchNumber | VARCHAR | |
| ActionTaken_ScrapOrRework | VARCHAR | |

| Product | | |
|-----------------------|-------------|---|
| ProductID | VARCHAR(PK) | |
| ProductionBatchNumber | VARCHAR | 1 |
| ProductName | VARCHAR | |
| Defect_Rate | DECIMAL | |

| Supplier | | |
|--------------|-------------|---|
| SupplierID | VARCHAR(PK) | |
| MaterialType | VARCHAR | |
| DeliveryDate | DATE | |
| BatchNumber | VARCHAR | * |