1. Instructor

|  |  |  |
| --- | --- | --- |
| Column name | Data Type | Constraints |
| instructor\_id | INT | PRIMARY KEY |
| instructor\_name | NVARCHAR(100) | NOT NULL |

1. Category

|  |  |  |
| --- | --- | --- |
| Column name | Data Type | Constraints |
| category\_id | INT | PRIMARY KEY |
| category\_name | NVARCHAR(50) | NOT NULL |

1. Course

|  |  |  |
| --- | --- | --- |
| Column name | Data Type | Constraints |
| course\_id | INT | PRIMARY KEY |
| category\_id | INT | FORIGN KEY REFERENCES Category (category\_id) |
| instructor\_id | INT | FORIGN KEY REFERENCES Instructor (instructor\_id) |
| course\_name | NVARCHAR(100) | NOT NULL |
| old\_price | FLOAT |  |
| new\_price | FLOAT |  |
| number\_of\_students | INT |  |
| rating | NUMERIC(2, 1) |  |
| total\_duration\_hours | NUMERIC(3, 1) |  |
| sections | INT |  |
| lectures | INT |  |
| what\_you\_learn | NVARCHAR(3000) |  |

1. Course\_Tag

|  |  |  |
| --- | --- | --- |
| Column name | Data Type | Constraints |
| tag\_id | INT | PRIMARY KEY |
| tag\_name | NVARCHAR(50) | NOT NULL |

1. Course\_Tag\_Assignments

|  |  |  |
| --- | --- | --- |
| Column name | Data Type | Constraints |
| course\_id | INT | FORIGN KEY REFERENCES Course (course\_id) |
| tag\_id | INT | FORIGN KEY REFERENCES Course\_Tag (tag\_id) |
| PRIMARY KEY | (course\_id, tag\_id) |  |