CSE 581
INTRODUCTION TO DATABASE MANAGEMENT SYSTEMS
Project - 2

TITLE
HR Recruitment Management System

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ABSTRACT

Database management system (DBMS) controls the creation, maintenance, and use of databases. Databases can either be created, edited, deleted and read by the DBA team or other experts only. The purpose of DBMS is to offer a practical and efficient method for storing and retrieving database data. The importance of database management systems could be explained by the fact that they provide programmers, database administrators, and end users with a consolidated view of the data, alleviating applications and users the need to understand the actual location of the data. Internet requests and responses for certain types of data are managed through APIs (application program interfaces).

Business organizations utilize this HR Database to hire new employees. For a certain vacancy, the organization will publish a request for job applications. Based on the availability of openings and test results, the employer will assess each applicant's eligibility and determine if they are qualified for the employment. This system will take care of employee hiring as well as the administrative module. This database contains each and every essential DBMS concept, including DDL, DML, Views, Role Assignment, Stored Procedures, Transactions, Scripts, Functions, Triggers, and Business Reports. My Human Resource Database are created keeping into consideration Database Design Structure(Normalization).

DESIGN

a. Introduction

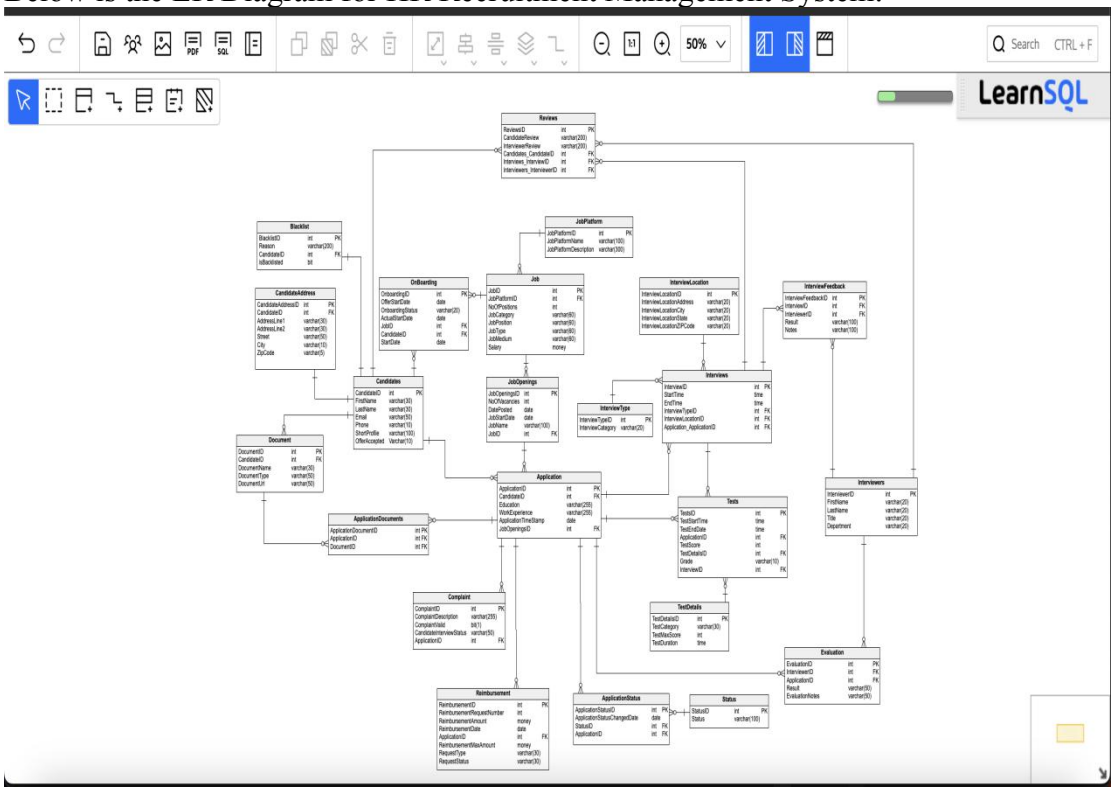
Employers are hired by companies with the assistance of recruiting firms. In rare circumstances, the corporation may also recruit employees directly. The person in charge of hiring commences the hiring process. There are many different phases in this process, including the first screening, a written exam, the first interview, the follow-up interview, the actual hiring decision, etc.

The developed Human Resource Database System includes the following steps for recruiting new employees:

1) Candidates apply for a particular job opening.
2) Candidates get classified based on their overall job application. They may be directly called for an interview or can be sent a test link.
3) Upon either of the scenario completion, candidates are graded and feedback is also provided by the interviewer.
6) Evaluation depends on tests and interviews.
7) The ultimate decision will then be made based on the hiring decision.
8) The interviews can also take place in person or online, depending on the candidate's ability and the company's requirements.
9) Re-interviews may be scheduled if a rejected candidate complains about the interview procedure, depending on whether the complaint is justified or not.
10) Reimbursement is granted to the candidate who comes for an onsite interview or test if he/she fills out the reimbursement form.
11) Candidate and the interviewer can post reviews regarding each other during each interview.

b. Design Description with ER Diagram :

Below is the ER Diagram for HR Recruitment Management System:



1. **Candidates table** - Conserves candidate's personal information.
2. **CandidateAddress table** - Stores Candidate's Address.
3. **Application table** - Saves application data of candidate such as date of application, work history, education, etc.
4. **Document table -** Stores document details like document name, url and type which is required for the job application.(This include documents like CV, Resume).
5. **ApplicationDocument table -** Enacts as an linking table between Application and Documents table.
6. **Complaint table -** If a rejected applicant finds the interview was unfair, he or she can file a complaint, and the information regarding the complaint is saved in this table.
7. **Reimbursement table :** Keeps data about candidate's expenses. Column included here are reimbursement status, request type, request date, request number and amount.
8. **Interviewer table** - Saves Interviewer's details who are responsible for the recruiting employees like FirstName, Lastname, Title and Department .
9. **Interview table -** Stores Interview details such as interview's start time, end time, location and interview type.
10. **InterviewType -** It saves information about interviewtype either onsite or online.
11. **InterviewLocation -** It contains detail information like interview address, city, state and ZipCode.
12. **InterviewFeedback table** - Each applicant receives interview result and notes from the interviewer based on their interview, which is saved in the InterviewFeedback table. Moreover, it acts as a linking table.
13. **Evaluation table** - The interviewer completes and stores the evaluation like evaluationresult and notes in this table.
14. **ApplicationStatus table -** It stores details like application status changed date, statusid of an applicant who has applied for a job position. It acts as a linking table between the Application table and Status table.
15. **Status table -** Status like accepted, declined or negotiating are stored in this status column.
16. **Tests table -** Saves the start and end time of the examination, the candidate's scores, and the grade attained based on the results.
17. **TestDetails table -** Contains information on the test's category, time, and maximum possible score.
18. **Job table -** Contains information of the job's details, including its type, medium, and number of positions.
19. **JobOpenings table -** Keep information about the job description as well as the number of positions.
20. **JobPlatform table -** It saves information about platforms either onsite or online.
21. **Onboarding table -** Stores information about the onboarding process like start date, onboarding status.
22. **Reviews table -** Enacts as an linking table between Candidates , Interview and Interviewer table. Each candidate can give review for an interviewer for each interview. Similarly for each interview each interviewer can give review for an candidate.
23. **Blacklist table -** Stores the Blacklist reason for a particular applicant.

Database Design Objects

The following is a list of the primary keys (PK), data types, nullables, and relationships table entries that are utilized in my project:

1) Candidates Table

CandidateID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
FirstName VARCHAR(30) NOT NULL,
LastName VARCHAR(30) NULL,
Email VARCHAR(50) NOT NULL,
Phone VARCHAR(10) NOT NULL,
ShortProfile VARCHAR(100) NULL DEFAULT 'Not Given',
OfferAccepted VARCHAR(10) NULL

2) CandidateAddress Table

CandidateAddressID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
CandidateID INT NOT NULL,
AddressLine1 VARCHAR(30) NOT NULL,
AddressLine2 VARCHAR(30) NULL,
Street VARCHAR(50) NULL,
City VARCHAR(10) NOT NULL,
ZipCode VARCHAR(5) NOT NULL,
FOREIGN KEY(CandidateID) REFERENCES Candidates(CandidateID)

3) JobPlatform Table

JobPlatformID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
JobPlatformName VARCHAR(100) NOT NULL,
JobPlatformDescription VARCHAR(300) NOT NULL

4) Job Table

JobID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
JobPlatformID INT NOT NULL,
NoOfPositions INT NOT NULL,
JobCategory VARCHAR(60) NOT NULL,
JobPosition VARCHAR(60) NOT NULL,
JobType VARCHAR(60) NOT NULL,
JobMedium VARCHAR(60) NOT NULL,
Salary MONEY NULL
FOREIGN KEY(JobPlatformID) REFERENCES JobPlatform(JobPlatformID)

5) JobOpenings Table

JobOpeningsID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
NoOfVacancies INT NOT NULL,
DatePosted DATE NOT NULL,
JobStartDate DATE NOT NULL,
JobName VARCHAR(100) NOT NULL,
JobID INT NOT NULL,
FOREIGN KEY(JobID) REFERENCES Job(JobID)

6) Documents Table
DocumentID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
CandidateID INT NOT NULL,
DocumentName VARCHAR(30) NOT NULL,
DocumentType VARCHAR(30) NOT NULL,
DocumentUrl VARCHAR(50) NOT NULL
FOREIGN KEY(CandidateID) REFERENCES Candidates(CandidateID)

7) OnBoarding Table
OnBoardingID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
CandidateID INT NOT NULL,
OnboardingStatus VARCHAR(20) NULL,
ActualStartDate DATETIME NULL,
JobID INT NOT NULL,
FOREIGN KEY(JobID) REFERENCES Job(JobID),
FOREIGN KEY(CandidateID) REFERENCES Candidates(CandidateID)

8) Application Table
ApplicationID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
CandidateID INT NOT NULL,
Education VARCHAR(255) NOT NULL,
WorkExperience VARCHAR(255) DEFAULT NULL,
ApplicationTimeStamp DATE NOT NULL,
JobOpeningsID INT NOT NULL
FOREIGN KEY(JobOpeningsID) REFERENCES JobOpenings(JobOpeningsID),
FOREIGN KEY(CandidateID) REFERENCES Candidates(CandidateID)

9) ApplicationDocuments Table
ApplicationDocumentID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
DocumentID INT NOT NULL,
ApplicationID INT NOT NULL

FOREIGN KEY(ApplicationID) REFERENCES Application(ApplicationID),
FOREIGN KEY(DocumentID) REFERENCES Documents(DocumentID)

10) Reimbursement Table
ReimbursementID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
ReimbursementRequestNumber INT NOT NULL,
ReimbursementAmount MONEY NOT NULL,
ReimbursementDate DATE NOT NULL,
ReimbursementMaxAmount MONEY DEFAULT 30000 NOT NULL,
ApplicationID INT NOT NULL,
RequestType VARCHAR(30) NOT NULL,
RequestStatus VARCHAR(30) NOT NULL
FOREIGN KEY(ApplicationID) REFERENCES Application(ApplicationID)

11) Complaint Table
ComplaintID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
ComplaintDescription VARCHAR(255) NOT NULL,
ComplaintValid BIT NOT NULL,
ComplaintInterviewStatus VARCHAR(50) NOT NULL,
ApplicationID INT NOT NULL
FOREIGN KEY(ApplicationID) REFERENCES Application(ApplicationID)

12) ApplicationStatus Table
ApplicationStatusID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
ApplicationStatusChangedDate DATETIME NOT NULL,
StatusID INT NOT NULL,
ApplicationID INT NOT NULL
FOREIGN KEY(ApplicationID) REFERENCES Application(ApplicationID)

13) Status Table
StatusID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
Status VARCHAR(100) NOT NULL

14) InterviewLocation Table
InterviewLocationID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
InterviewLocationAddress VARCHAR(20) NULL,
InterviewLocationCity VARCHAR(20) NULL,
InterviewLocationState VARCHAR(20) NULL,
InterviewLocationZIPCode VARCHAR(20) NULL

15) InterviewType Table

InterviewTypeID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
InterviewCategory VARCHAR(20) NOT NULL

16) Interviews Table

InterviewID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
StartTime TIME NOT NULL,
EndTime TIME NOT NULL,
ApplicationID INT NOT NULL,
InterviewTypeID INT NOT NULL,
InterviewLocationID INT NOT NULL,
FOREIGN KEY(ApplicationID) REFERENCES Application(ApplicationID),
FOREIGN KEY(InterviewLocationID) REFERENCES
InterviewLocation(InterviewLocationID),
FOREIGN KEY(InterviewTypeID) REFERENCES InterviewType(InterviewTypeID)

17) TestDetails Table

TestDetailsID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
TestCategory VARCHAR(30) NOT NULL,
TestMaxScore INT NOT NULL,
TestDuration TIME NULL

18) Tests Table

TestsID int IDENTITY(1,1) NOT NULL PRIMARY KEY,
TestStartTime TIME NOT NULL,
TesEndTime TIME NOT NULL,
TestDetailsID INT NOT NULL,
TestScore INT NOT NULL,
TestGrade varchar(10) NOT NULL,
ApplicationID INT NOT NULL,
InterviewID INT NOT NULL
FOREIGN KEY(InterviewID) REFERENCES Interviews(InterviewID),
FOREIGN KEY(TestDetailsID) REFERENCES TestDetails(TestDetailsID),
FOREIGN KEY(ApplicationID) REFERENCES Application(ApplicationID)

19) Interviewers Table

InterviewerID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
FirstName VARCHAR(20) NOT NULL,

LastName VARCHAR(20) NOT NULL,
Title VARCHAR(20) NULL,
Department VARCHAR(20) NOT NULL

20) InterviewFeedback Table
InterviewFeedbackID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
InterviewID INT NOT NULL,
InterviewerID INT NOT NULL,
Result VARCHAR(100) NOT NULL,
Notes VARCHAR(100) NULL
FOREIGN KEY(InterviewID) REFERENCES Interviews(InterviewID),
FOREIGN KEY(InterviewerID) REFERENCES Interviewers(InterviewerID)

21) Evaluation Table
EvaluationID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
InterviewerID INT NOT NULL,
ApplicationID INT NOT NULL,
Result VARCHAR(50) NOT NULL,
EvaluationNotes VARCHAR(50) NULL,
FOREIGN KEY(InterviewerID) REFERENCES Interviewers(InterviewerID),
FOREIGN KEY(ApplicationID) REFERENCES Application(ApplicationID)

22) Reviews Table
ReviewsID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
CandidateReview VARCHAR(200) NULL,
InterviewerReview VARCHAR(200) NULL,
InterviewID INT NOT NULL,
InterviewerID INT NOT NULL,
CandidateID INT NOT NULL,
FOREIGN KEY(CandidateID) REFERENCES Candidates(CandidateID),
FOREIGN KEY(InterviewID) REFERENCES Interviews(InterviewID),
FOREIGN KEY(InterviewerID) REFERENCES Interviewers(InterviewerID)

23) Blacklist Table
BlacklistID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
Reason VARCHAR(200) NULL,
CandidateID INT NOT NULL,
isBlacklisted BIT NOT NULL

FOREIGN KEY(CandidateID) REFERENCES Candidates(CandidateID)

Here is the list of relations that are used between the tables in my project.
1. One-to-One relationship between Candidates and CandidateAddress
2. One-to-One relationship between Candidates and Blacklist
3. One-to-Many relationship between Candidates and Application
4. One-to-Many relationship between Candidates and Document
5. One-to-Many relationship between Application and ApplicationDocument
6. One-to-Many relationship between Document and ApplicationDocument
7. One-to-Many relationship between Application and Complaint
8. One-to-Many relationship between Application and Reimbursement
9. One-to-Many relationship between Application and ApplicationStatus
10. Many-to-One relationship between ApplicationStatus and Status
11. Many-to-One relationship between Application and JobOpening
12. Many-to-One relationship between JobOpening and Job
13. Many-to-One relationship between Job and JobPlatform
14. One-to-Many relationship between Candidate and Onboarding
15. One-to-Many relationship between Job and Onboarding
16. One-to-Many relationship between Application and Tests
17. Many-to-One relationship between Tests and TestDetails
18. One-to-Many relationship between Application and Interviews
19. One-to-Many relationship between Interviews and Tests
20. Many-to-One relationship between Interviews and InterviewType
21. Many-to-One relationship between Interviews and InterviewLocation
22. One-to-Many relationship between Interviews and InterviewFeedback
23. One-to-Many relationship between Interviewers and InterviewFeedback
24. One-to-Many relationship between Interviewers and Evaluation
25. Many-to-One relationship between Evaluation and Application
26. One-to-Many relationship between Interviews and Reviews
27. One-to-Many relationship between Interviewers and Reviews
28. One-to-Many relationship between Candidate and Reviews

IMPLEMENTATION

1. Database creation

Code for HR_RajShah database creation

```
USE master
GO
IF DB_ID('HR_RajShah') IS NOT NULL
DROP DATABASE HR_RajShah
GO
CREATE DATABASE HR_RajShah;
```

Schema

Code for HR schema creation

```
CREATE SCHEMA HR;
```

2. Tables creation

Creation of all the tables present in the database.

Code for Candidates table creation

```
CREATE TABLE HR.Candidates(
CandidateID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
FirstName VARCHAR(30) NOT NULL,
LastName VARCHAR(30) NULL,
Email VARCHAR(50) NOT NULL,
Phone VARCHAR(10) NOT NULL,
ShortProfile VARCHAR(100) NULL DEFAULT 'Not Given',
OfferAccepted VARCHAR(10) NULL);
```

Code for CandidateAddress table creation

```
CREATE TABLE HR.CandidateAddress(
CandidateAddressID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
CandidateID INT NOT NULL,
AddressLine1 VARCHAR(30) NOT NULL,
AddressLine2 VARCHAR(30) NULL,
Street VARCHAR(50) NULL,
City VARCHAR(10) NOT NULL,
ZipCode VARCHAR(5) NOT NULL,
FOREIGN KEY(CandidateID) REFERENCES HR.Candidates(CandidateID)
);
```

Code for JobPlatform table creation

```
CREATE TABLE  HR.JobPlatform(
```

```
JobPlatformID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
JobPlatformName VARCHAR(100) NOT NULL,
JobPlatformDescription VARCHAR(300) NOT NULL
);
```

Code for Job table creation

```
CREATE TABLE  HR.Job(
JobID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
JobPlatformID INT NOT NULL,
NoOfPositions INT NOT NULL,
JobCategory VARCHAR(60) NOT NULL,
JobPosition VARCHAR(60) NOT NULL,
JobType VARCHAR(60) NOT NULL,
JobMedium VARCHAR(60) NOT NULL,
Salary MONEY NULL
FOREIGN KEY(JobPlatformID) REFERENCES HR.JobPlatform(JobPlatformID),
);
```

Code for JobOpenings table creation

```
CREATE TABLE  HR.JobOpenings(
JobOpeningsID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
NoOfVacancies INT NOT NULL,
DatePosted DATE NOT NULL,
JobStartDate DATE NOT NULL,
JobName VARCHAR(100) NOT NULL,
JobID INT NOT NULL,
FOREIGN KEY(JobID) REFERENCES HR.Job(JobID)
);
```

Code for Documents table creation

```
CREATE TABLE  HR.Documents(
DocumentID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
CandidateID INT NOT NULL,
DocumentName VARCHAR(30) NOT NULL,
DocumentType VARCHAR(30) NOT NULL,
DocumentUrl VARCHAR(50) NOT NULL
FOREIGN KEY(CandidateID) REFERENCES HR.Candidates(CandidateID)
);
```

Code for OnBoarding table creation

```
CREATE TABLE  HR.OnBoarding(
OnBoardingID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
CandidateID INT NOT NULL,
OnboardingStatus VARCHAR(20) NULL,
ActualStartDate DATETIME NULL,
JobID INT NOT NULL,
StartDate DATETIME NOT NULL,
FOREIGN KEY(JobID) REFERENCES HR.Job(JobID),
FOREIGN KEY(CandidateID) REFERENCES HR.Candidates(CandidateID)
);
```

Code for Application table creation

```
CREATE TABLE  HR.Application(
ApplicationID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
CandidateID INT NOT NULL,
Education VARCHAR(255) NOT NULL,
WorkExperience VARCHAR(255) DEFAULT NULL,
ApplicationTimeStamp DATE NOT NULL,
JobOpeningsID INT NOT NULL
FOREIGN KEY(JobOpeningsID) REFERENCES HR.JobOpenings(JobOpeningsID),
FOREIGN KEY(CandidateID) REFERENCES HR.Candidates(CandidateID)
);
```

Code for ApplicationDocuments table creation

```
CREATE TABLE  HR.ApplicationDocuments(
ApplicationDocumentID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
DocumentID INT NOT NULL,
ApplicationID INT NOT NULL
FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID),
FOREIGN KEY(DocumentID) REFERENCES HR.Documents(DocumentID)
);
```

Code for Reimbursement table creation

```
CREATE TABLE  HR.Reimbursement(
ReimbursementID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
ReimbursementRequestNumber INT NOT NULL,
ReimbursementAmount MONEY NOT NULL,
ReimbursementDate DATE NOT NULL,
ReimbursementMaxAmount MONEY DEFAULT 30000 NOT NULL,
```

```
ApplicationID INT NOT NULL,
RequestType VARCHAR(30) NOT NULL,
RequestStatus VARCHAR(30) NOT NULL
FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID)
);
```

Code for Complaint table creation

```
CREATE TABLE  HR.Complaint(
ComplaintID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
ComplaintDescription VARCHAR(255) NOT NULL,
ComplaintValid BIT NOT NULL,
ComplaintInterviewStatus VARCHAR(50) NOT NULL,
ApplicationID INT NOT NULL
FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID)
);
```

Code for ApplicationStatus table creation

```
CREATE TABLE  HR.ApplicationStatus(
ApplicationStatusID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
ApplicationStatusChangedDate DATETIME NOT NULL,
StatusID INT NOT NULL,
ApplicationID INT NOT NULL
FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID)
);
```

Code for Status table creation

```
CREATE TABLE  HR.Status(
StatusID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
Status VARCHAR(100) NOT NULL
);
```

Code for InterviewLocation table creation

```
CREATE TABLE  HR.InterviewLocation(
InterviewLocationID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
InterviewLocationAddress VARCHAR(20) NULL,
InterviewLocationCity VARCHAR(20) NULL,
InterviewLocationState VARCHAR(20) NULL,
InterviewLocationZIPCode VARCHAR(20) NULL
);
```

Code for InterviewType table creation

```
CREATE TABLE  HR.InterviewType(
InterviewTypeID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
InterviewCategory VARCHAR(20) NOT NULL
);
```

Code for Interviews table creation

```
CREATE TABLE  HR.Interviews(
InterviewID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
StartTime TIME NOT NULL,
EndTime TIME NOT NULL,
ApplicationID INT NOT NULL,
InterviewTypeID INT NOT NULL,
InterviewLocationID INT NOT NULL,
FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID),
FOREIGN KEY(InterviewLocationID) REFERENCES
HR.InterviewLocation(InterviewLocationID),
FOREIGN KEY(InterviewTypeID) REFERENCES
HR.InterviewType(InterviewTypeID)
);
```

Code for TestDetails table creation

```
CREATE TABLE  HR.TestDetails(
TestDetailsID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
TestCategory VARCHAR(30) NOT NULL,
TestMaxScore INT NOT NULL,
TestDuration TIME NULL
);
```

Code for Tests table creation

```
CREATE TABLE  HR.Tests(
TestsID int IDENTITY(1,1) NOT NULL PRIMARY KEY,
TestStartTime TIME NOT NULL,
TesEndTime TIME NOT NULL,
TestDetailsID INT NOT NULL,
TestScore INT NOT NULL,
TestGrade varchar(10) NOT NULL,
ApplicationID INT NOT NULL,
InterviewID INT NOT NULL
```

```
FOREIGN KEY(InterviewID) REFERENCES HR.Interviews(InterviewID),
FOREIGN KEY(TestDetailsID) REFERENCES HR.TestDetails(TestDetailsID),
FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID)
);
```

Code for Interviewers table creation

```
CREATE TABLE  HR.Interviewers(
InterviewerID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
FirstName VARCHAR(20) NOT NULL,
LastName VARCHAR(20) NOT NULL,
Title VARCHAR(20) NULL,
Department VARCHAR(20) NOT NULL
);
```

Code for InterviewFeedback table creation

```
CREATE TABLE  HR.InterviewFeedback(
InterviewFeedbackID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
InterviewID INT NOT NULL,
InterviewerID INT NOT NULL,
Result VARCHAR(100) NOT NULL,
Notes VARCHAR(100) NULL
FOREIGN KEY(InterviewID) REFERENCES HR.Interviews(InterviewID),
FOREIGN KEY(InterviewerID) REFERENCES HR.Interviewers(InterviewerID)
);
```

Code for Evaluation table creation

```
CREATE TABLE  HR.Evaluation(
EvaluationID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
InterviewerID INT NOT NULL,
ApplicationID INT NOT NULL,
Result VARCHAR(50) NOT NULL,
EvaluationNotes VARCHAR(50) NULL,
FOREIGN KEY(InterviewerID) REFERENCES HR.Interviewers(InterviewerID),
FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID)
);
```

Code for Reviews table creation

```
CREATE TABLE  HR.Reviews(
ReviewsID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
CandidateReview VARCHAR(200) NULL,
```

```
InterviewerReview VARCHAR(200) NULL,
InterviewID INT NOT NULL,
InterviewerID INT NOT NULL,
CandidateID INT NOT NULL,
FOREIGN KEY(CandidateID) REFERENCES HR.Candidates(CandidateID),
FOREIGN KEY(InterviewID) REFERENCES HR.Interviews(InterviewID),
FOREIGN KEY(InterviewerID) REFERENCES HR.Interviewers(InterviewerID)
);
```

Code for Blacklist table creation

```
CREATE TABLE  HR.Blacklist(
BlacklistID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
Reason VARCHAR(200) NULL,
isBlacklisted BIT NOT NULL,
CandidateID INT NOT NULL,
FOREIGN KEY(CandidateID) REFERENCES HR.Candidates(CandidateID),
);
```

3. Inserting data in Tables

Code for Candidates table insertion

```
INSERT INTO
HR.Candidates(FirstName,LastName,Email,Phone,ShortProfile,OfferAccepted)
VALUES
('Raj','Shah','rshah26@syr.edu','9876534564','Skilled in SQL','Yes'),
('Harsh','Mandviya','hmand6@syr.edu','6534564123','Skilled in Java',''),
('Jill','Goshrani','jigos2@syr.edu','3456446743','Proficient in DBMS, Python',''),
('Jaynam','Shah','jaysa8@syr.edu','3154214546','Skilled in C++','Yes'),
('Mohit','Thakkar','mohit36@syr.edu','3154564546','Skilled in MongoDB',''),
('Manav','Nisar','manan76@syr.edu','3123567548','Skilled in Data Science','Yes'),
('Kavish','Shah','kavah5@syr.edu','3874164564','Proficient in DBMS, Python',''),
('Bhavik','Shah','bhavh96@syr.edu','9126534564','Skilled in MERN','Yes'),
('Rithik','Gujar','rit456@syr.edu','9316534564','Proficient in Java, Python',''),
('Ayush','Shah','ayushh6@syr.edu','3187534564','Proficient in Node.js, Python','Yes');
```

Code for CandidateAddress table insertion

```
INSERT INTO  HR.CandidateAddress(CandidateID,AddressLine1,City,ZipCode)
VALUES
(1,'12 Westcott Street','Syracuse','13210'),
(2,'712 Westcott Street','Syracuse','13210'),
```

(3,'822 Westcott Street','Syracuse','13210'),
(4,'456 Westcott Street','Syracuse','13210'),
(5,'321 Westcott Street','Syracuse','13210'),
(6,'897 Westcott Street','Syracuse','13210'),
(7,'567 Westcott Street','Syracuse','13210'),
(8,'1743 Westcott Street','Syracuse','13210'),
(9,'678 Westcott Street','Syracuse','13210'),
(10,'245 Westcott Street','Syracuse','13210');

Code for Documents table insertion

```
INSERT INTO  HR.Documents(CandidateID, DocumentName, DocumentType,
DocumentURL)
VALUES
(1,'Resume','PDF','https://yourwebsite.com/pages/'),
(2,'CV','PDF','https://yourwebsite.com/pages/'),
(3,'CV','PDF','https://yourwebsite.com/pages/'),
(4,'Resume','Word','https://yourwebsite.com/pages/'),
(5,'CV','Word','https://yourwebsite.com/pages/'),
(6,'Resume','Word','https://yourwebsite.com/pages/'),
(7,'CV','Word','https://yourwebsite.com/pages/'),
(8,'Resume','Word','https://yourwebsite.com/pages/'),
(9,'Resume','PDF','https://yourwebsite.com/pages/'),
(10,'Resume','PDF','https://yourwebsite.com/pages/');
```

Code for JobPlatform table insertion

```
INSERT INTO  HR.JobPlatform(JobPlatformName,JobPlatformDescription)
VALUES
('Job board','Company Job Board'),
('Social Media','LinkedIn'),
('Social Media','Indeed'),
('Social Media','Glassdoor'),
('College Connect','Handshake'),
('Referral','Company Employee'),
('Email','Email'),
('SMS','SMS'),
('Career Fair','College connect'),
('HR Recruiter','Inperson');
```

Code for Job table insertion

```
INSERT INTO
HR.Job(JobPlatformID,JobMedium,JobType,JobCategory,JobPosition,NoOfPositions,
Salary)
VALUES
(1,'Online','Full Time','IT','Manager',10,100000),
(2,'Online','Summer Internship','Sales','Associate',10,40000),
(3,'Online','Full Time','Testing','Testing',10,120000),
(4,'Online','Full Time','Software','Developer',10,190000),
(5,'Online','Part Time','Software','Associate Developer',10,123000),
(6,'Online','Part Time','Testing','Associate Tester',10,113000),
(7,'Onsite','Full Time','Testing','Associate Manager',10,110000),
(8,'Onsite','Summer Internship','Test','Associate',10,71000),
(9,'Onsite','Full Time','IT','Developer ',10,120000),
(10,'Onsite','Summer Internship','IT','Developer',10,50000);
```

Code for Job Openings table insertion

```
INSERT INTO
HR.JobOpenings(JobName,JobStartDate,DatePosted,NoOfVacancies,JobID)
VALUES
('SDE-1','12-12-2022','10-10-2022',7,4),
('SDE-2','12-18-2023','10-10-2022',8,4),
('Test Engineer','2-2-2023','10-10-2022',6,3),
('Data Science Engineer','10-1-2023','10-10-2022',4,9),
('Machine Learning Engineer','12-22-2023','10-10-2022',9,9),
('Intern - SDE','12-25-2022','10-20-2022',4,10),
('Test Intern','12-11-2022','10-10-2022',8,8),
('Sales Intern','12-17-2022','10-10-2022',5,2),
('Marketing Intern','12-18-2022','12-10-2022',6,2),
('Associate Developer','12-27-2022','11-10-2022',7,5);
```

Code for Status table insertion

```
INSERT INTO  HR.Status(Status)
VALUES
('Declined'),
('Accepted'),
('Negotiating');
```

Code for TestDetails table insertion

```
INSERT INTO  HR.TestDetails
(TestCategory,TestMaxScore,TestDuration)
```

```
VALUES
('online',100,'01:00:00'),
('onsite',100,'01:00:00');
```

Code for InterviewType table insertion

```
INSERT INTO  HR.InterviewType(InterviewCategory)
VALUES
('Onsite'),
('Online');
```

Code for InterviewLocation table insertion

```
INSERT INTO
HR.InterviewLocation(InterviewLocationAddress,InterviewLocationState,InterviewLocationCity,InterviewLocationZIPCode)
VALUES
('PDC1A Main Office','NY','NYC','10132'),
('PDC1B Main Office','NY','NYC','10132'),
('PDC1C Main Office','NY','NYC','10132'),
('PDC1D Main Office','NY','NYC','10132'),
('PDC1E Main Office','NY','NYC','10132'),
('PDC1F Main Office','NY','NYC','10132'),
('PDC1G Main Office','NY','NYC','10132'),
('PDC1H Main Office','NY','NYC','10132'),
('PDC1I Main Office','NY','NYC','10132'),
('PDC1J Main Office','NY','NYC','10132'),
('REMOTE',',',',' );
```

Code for Interviewers table insertion

```
INSERT INTO
HR.Interviewers(InterviewerID,FirstName,LastName,Title,Department)
VALUES
(1,'Robin','Sharma','Executives','IT'),
(2,'Jon','Repp','Hiring manager','IT'),
(3,'Marvin','Mandela','HR manager','HR'),
(4,'Aaron','Wanda','Executives','IT'),
(5,'Cristiano','Repp','Hiring manager','IT'),
(6,'Yash','Joshi','Hiring manager','Marketing'),
(7,'Jainam','Gosrani','Executives','Marketing'),
(8,'Rohan','Singh','Hiring manager','IT'),
(9,'Sonali','Kubde','Executives','IT'),
```

```
(10,'Saniya','Jain',' Hiring manager','IT');
```

Code for Application table insertion

```
INSERT INTO  HR.Application
(CandidateID,ApplicationTimeStamp,Education,WorkExperience,JobOpeningsID)
VALUES
(1,'12-07-2022','MS in Computer Science','Accenture',2),
(2,'12-07-2022','BSC in Computer Science','LTI',1),
(3,'12-07-2022','MS in CS','MindTree',3),
(4,'12-07-2022','MS in Computer Science','Amazon',4),
(5,'12-07-2022','MS in CS','Chewy',5),
(6,'12-07-2022','MS in CS','MindTree',4),
(7,'12-07-2022','MS in Computer Science','Amazon',3),
(8,'12-07-2022','BSC in Computer Science','LTI',4),
(8,'11-22-2022','BSC in Computer Science','LTI',5),
(9,'11-30-2022','MS in Computer Science','Accenture',6),
(10,'11-30-2022','MS in Computer Science','Accenture',6);
```

Code for ApplicationDocuments table insertion

```
INSERT INTO  HR.ApplicationDocuments(ApplicationID,DocumentID)
VALUES
(1,1),
(2,2),
(3,3),
(4,4),
(5,5),
(6,6),
(7,7),
(8,8),
(9,8),
(10,9),
(11,10);
```

Code for Interviews table insertion

```
INSERT INTO
HR.Interviews(InterviewID,StartTime,EndTime,InterviewTypeID,InterviewLocationI
D,ApplicationID)
VALUES
(1,'09:30:00','10:30:00',1,2,1),
(2,'09:30:00','10:30:00',1,3,2),
```

```
(3,'09:30:00','10:30:00',1,4,3),
(4,'09:30:00','10:30:00',1,6,4),
(5,'09:30:00','10:30:00',1,6,5),
(6,'10:30:00','11:30:00',2,11,6),
(7,'10:30:00','11:30:00',2,11,7),
(8,'10:30:00','11:30:00',2,11,8),
(9,'10:30:00','11:30:00',2,11,9),
(10,'10:30:00','11:30:00',2,11,10),
(11,'10:30:00','11:30:00',1,8,1);
```

Code for Tests table insertion

```
INSERT INTO
HR.Tests(ApplicationID,TestStartTime,TesEndTime,TestDetailsID,TestScore,TestGrade,InterviewID)
VALUES
(1,'09:30:00','10:30:00',1,81,'A',1),
(2,'09:30:00','10:30:00',1,71,'B+',2),
(3,'09:30:00','10:30:00',1,51,'C+',3),
(4,'09:30:00','10:30:00',1,100,'A+',4),
(5,'09:30:00','10:30:00',1,51,'C+',5),
(6,'10:30:00','11:30:00',2,71,'B+',6),
(7,'10:30:00','11:30:00',2,81,'A',7),
(8,'10:30:00','11:30:00',2,71,'B+',8),
(9,'10:30:00','11:30:00',2,51,'C+',9),
(10,'10:30:00','11:30:00',2,71,'B+',10),
(1,'10:30:00','11:30:00',1,91,'A+',1),
(1,'10:30:00','11:30:00',1,85,'A',1);
```

Code for InterviewFeedback table insertion

```
INSERT INTO  HR.InterviewFeedback(InterviewID,InterviewerID, Result, Notes)
VALUES
(1,1,'Pass','Passed the interview'),
(1,5,'Pass','Passed the interview'),
(2,2,'Fail','Failed the interview'),
(3,3,'Fail','Failed the interview'),
(4,4,'Pass','Passed the interview'),
(5,5,'Pass','Passed the interview'),
(6,6,'Pass','Passed the interview'),
(7,7,'Fail','Failed the interview'),
```

```
(8,8,'Pass','Passed the interview'),
(9,9,'Fail','Failed the interview'),
(10,10,'Pass','Passed the interview'),
(11,2,'Pass','Passed the interview');
```

Code for Evaluation table insertion

```
INSERT INTO  HR.Evaluation(ApplicationID, InterviewerID, Result,
EvaluationNotes)
VALUES
(1,1,'Accepted','Candidate fit for the role'),
(1,5,'Accepted','Candidate fit for the role'),
(1,2,'Accepted','Candidate fit for the role'),
(2,2,'Rejected','Candidate not fit for the role'),
(3,3,'Rejected','Candidate not fit for the role'),
(4,4,'Accepted','Candidate fit for the role'),
(5,5,'Rejected','Candidate not fit for the role'),
(6,6,'Accepted','Candidate fit for the role'),
(7,7,'Rejected','Candidate not fit for the role'),
(8,8,'Accepted','Candidate fit for the role'),
(9,9,'Accepted','Candidate fit for the role'),
(10,10,'Accepted','Candidate fit for the role');
```

Code for Reimbursement table insertion

```
INSERT INTO
HR.Reimbursement(ReimbursementRequestNumber,ReimbursementAmount,Reimbu
rsementDate,RequestStatus,RequestType,ApplicationID)
VALUES
(1001,10000,'12-06-2022','Open','HotelReservation',1),
(1002,18000,'11-16-2022','Open','Air Tickets',2),
(1003,20000,'12-05-2022','Open','Air Tickets',3),
(1004,10000,'11-14-2022','Open','Car Rental',4),
(1005,20000,'11-16-2022','Open','HotelReservation',5),
(1006,10000,'12-12-2022','Open','HotelReservation',6),
(1007,14000,'11-06-2022','Open','Car Rental',7),
(1008,10000,'11-9-2022','Open','Air Tickets',8),
(1009,16000,'12-06-2022','Open','Car Rental',9),
(1010,30000,'11-01-2022','Open','Air Tickets',10);
```

Code for OnBoarding table insertion

```
INSERT INTO
HR.OnBoarding(OnboardingStatus,ActualStartDate,JobID,CandidateID, StartDate)
VALUES
('Completed','2023-12-28',4,1,'2023-12-28'),
('OnHold','2021-12-12',9,4,'2023-12-12'),
('Completed','2021-12-25',10,6,'2023-12-25'),
('OnHold','2022-12-28',9,8,'2022-12-28');
```

Code for Complaint table insertion

```
INSERT INTO
HR.Complaint(ApplicationID,ComplaintDescription,ComplaintInterviewStatus,Comp
laintValid)
VALUES
(2,'Did not get an interview call','Waiting',''),
(3,'Did not get an interview call','Waiting',''),
(5,'Did not get an interview call','Re-Interview','1');
```

Code for ApplicationStatus table insertion

```
INSERT INTO  HR.ApplicationStatus(StatusID,
ApplicationID,ApplicationStatusChangedDate)
VALUES
(2,1,'12-06-2022 09:00:10'),
(3,2,'12-06-2022 09:00:10'),
(3,3,'12-06-2022 09:00:10'),
(2,4,'12-06-2022 09:00:10'),
(3,5,'12-06-2022 09:00:10'),
(2,6,'12-06-2022 09:00:10'),
(1,7,'12-06-2022 09:00:10'),
(2,8,'12-06-2022 09:00:10'),
(3,9,'12-06-2022 09:00:10'),
(1,10,'12-06-2022 09:00:10');
```

Code for Reviews table insertion

```
INSERT into
HR.Reviews(InterviewerID,InterviewID,CandidateID,InterviewerReview,CandidateR
eview)
VALUES
(5,1,1,'Good Candidate','Smooth Process'),
```

```
(2,1,1,'Good Candidate','Smooth Process'),
(1,1,1,'Good Candidate','Smooth Process'),
(2,2,2,'Bad Candidate','Bad Process'),
(3,3,3,'Bad Candidate','Bad Process'),
(4,4,4,'Good Candidate','Smooth Process'),
(5,5,5,'Bad Candidate','Bad Process'),
(6,6,6,'Good Candidate','Smooth Process'),
(7,7,7,'Good Candidate','Smooth Process'),
(8,8,8,'Good Candidate','Process Good');
```

Code for BlackList table insertion

```
INSERT INTO  HR.Blacklist(BlacklistID,CandidateID,Reason,isBlacklisted)
VALUES(1,10,'Not Joined the Company',1);
```

4. Retrieving data from Tables

Code for retrieving from Candidates table

```
SELECT * FROM HR.Candidates;
```

Code for retrieving from CandidateAddress table

```
SELECT * FROM HR.CandidateAddress;
```

Code for retrieving from Documents table

```
SELECT * FROM HR.Documents;
```

Code for retrieving from Blacklist table

```
SELECT * FROM HR.Blacklist;
```

Code for retrieving from OnBoarding table

```
SELECT * FROM HR.OnBoarding;
```

Code for retrieving from JobPlatform table

```
SELECT * from HR.JobPlatform;
```

Code for retrieving from Complaint table

```
SELECT * FROM HR.Complaint;
```

Code for retrieving from Job table

```
SELECT * FROM HR.Job;
```

Code for retrieving from JobOpenings table

```
SELECT * FROM HR.JobOpenings;
```

Code for retrieving from Application table

```
SELECT * FROM HR.Application;
```

Code for retrieving from Interviews table

```
SELECT * FROM HR.Interviews;
```

Code for retrieving from Reimbursement table

```
SELECT * FROM HR.Reimbursement;
```

Code for retrieving from Evaluation table

```
SELECT * FROM HR.Evaluation;
```

Code for retrieving from Tests table

```
SELECT * FROM HR.Tests;
```

Code for retrieving from TestDetails table

```
SELECT * FROM HR.TestDetails;
```

Code for retrieving from Status table

```
SELECT * FROM HR.Status;
```

Code for retrieving from ApplicationStatus table

```
SELECT * FROM HR.ApplicationStatus;
```

Code for retrieving from Reviews table

```
SELECT * FROM HR.Reviews;
```

Code for retrieving from ApplicationDocuments table

```
SELECT * FROM HR.ApplicationDocuments;
```

Code for retrieving from InterviewType table

```
SELECT * FROM HR.InterviewType;
```

Code for retrieving from InterviewLocation table

```
SELECT * FROM HR.InterviewLocation;
```

Code for retrieving from Interviewers table

```
SELECT * FROM HR.Interviewers;
```

Code for retrieving from InterviewFeedBack table

```
SELECT * FROM HR.InterviewFeedBack;
```

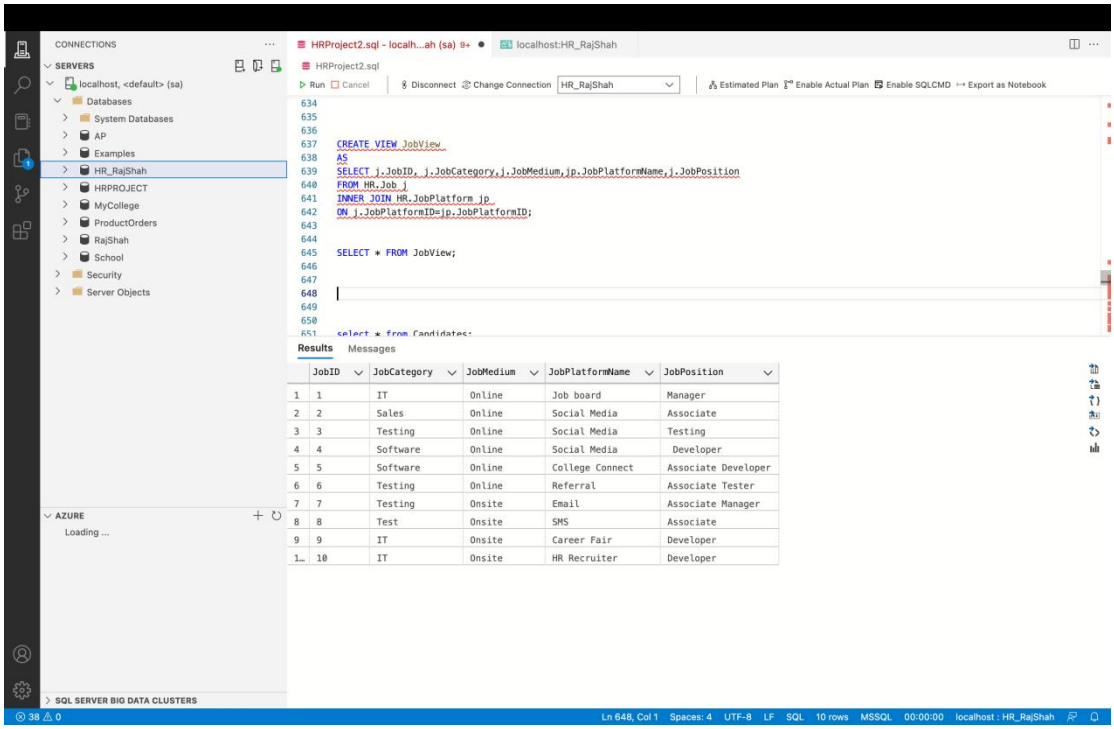
TESTING

1. **Views**

View 1:

To gather all of the job details in one place, this view is constructed.

```
CREATE VIEW JobView
AS
SELECT j.JobID, j.JobCategory,j.JobMedium,jp.JobPlatformName,j.JobPosition
FROM HR.Job j
INNER JOIN HR.JobPlatform jp
ON j.JobPlatformID=jp.JobPlatformID;
SELECT * FROM JobView;
```

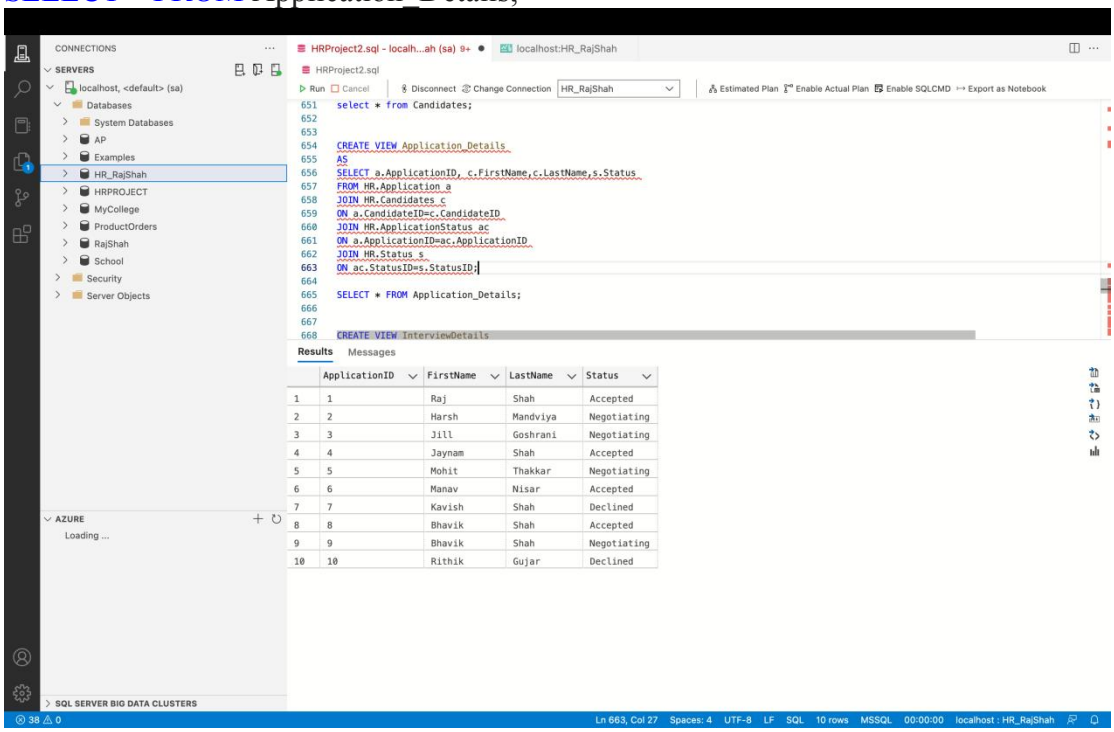


View 2:

It presents all of the application's information in one view, including the applicant name and currentStatus.

```
CREATE VIEW Application_Details
AS
SELECT a.ApplicationID, c.FirstName,c.LastName,s.Status
FROM HR.Application a
JOIN HR.Candidates c
ON a.CandidateID=c.CandidateID
JOIN HR.ApplicationStatus ac
ON a.ApplicationID=ac.ApplicationID
```

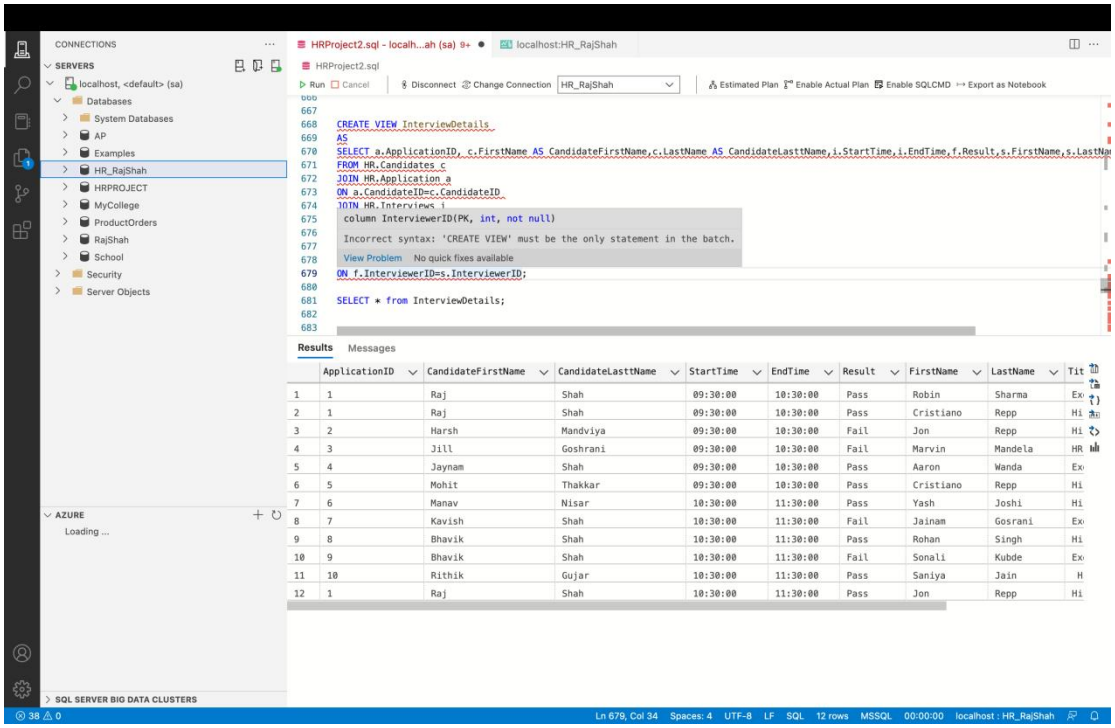
```
JOIN HR.Status s
ON ac.StatusID=s.StatusID;
SELECT * FROM Application_Details;
```



View 3:

This view gives the all the interview details in one view.
(candidate, application, interviewer , interview feedback, and interview details)

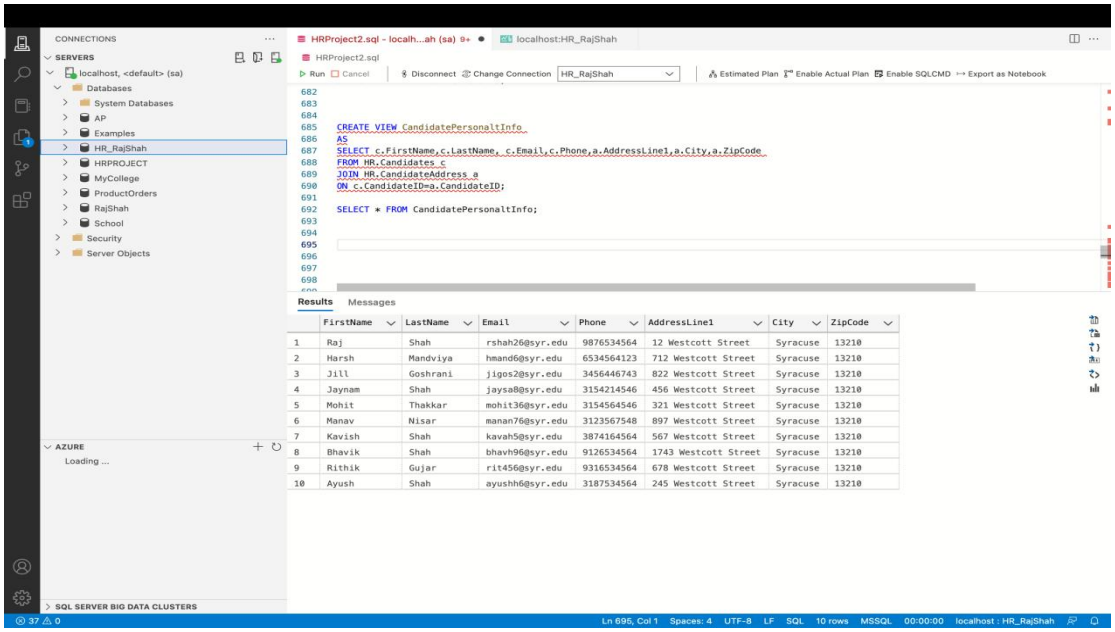
```
CREATE VIEW InterviewDetails
AS
SELECT a.ApplicationID, c.FirstName AS CandidateFirstName,c.LastName AS
CandidateLasttName,i.StartTime,i.EndTime,f.Result,s.FirstName,s.LastName,s.Title,
s.Department
FROM HR.Candidates c
JOIN HR.Application a
ON a.CandidateID=c.CandidateID
JOIN HR.Interviews i
ON a.ApplicationID=i.ApplicationID
JOIN HR.InterviewFeedback f
ON i.InterviewID=f.InterviewID
JOIN HR.Interviewers s
ON f.InterviewerID=s.InterviewerID;
SELECT * from InterviewDetails;
```



View 4:

This view provides the candidate's personally identifiable information.

```
CREATE VIEW CandidatePersonaltInfo
AS
SELECT c.FirstName,c.LastName, c.Email,c.Phone,a.AddressLine1,a.City,a.ZipCode
FROM HR.Candidates c
JOIN HR.CandidateAddress a
ON c.CandidateID=a.CandidateID;
SELECT * FROM CandidatePersonaltInfo;
```

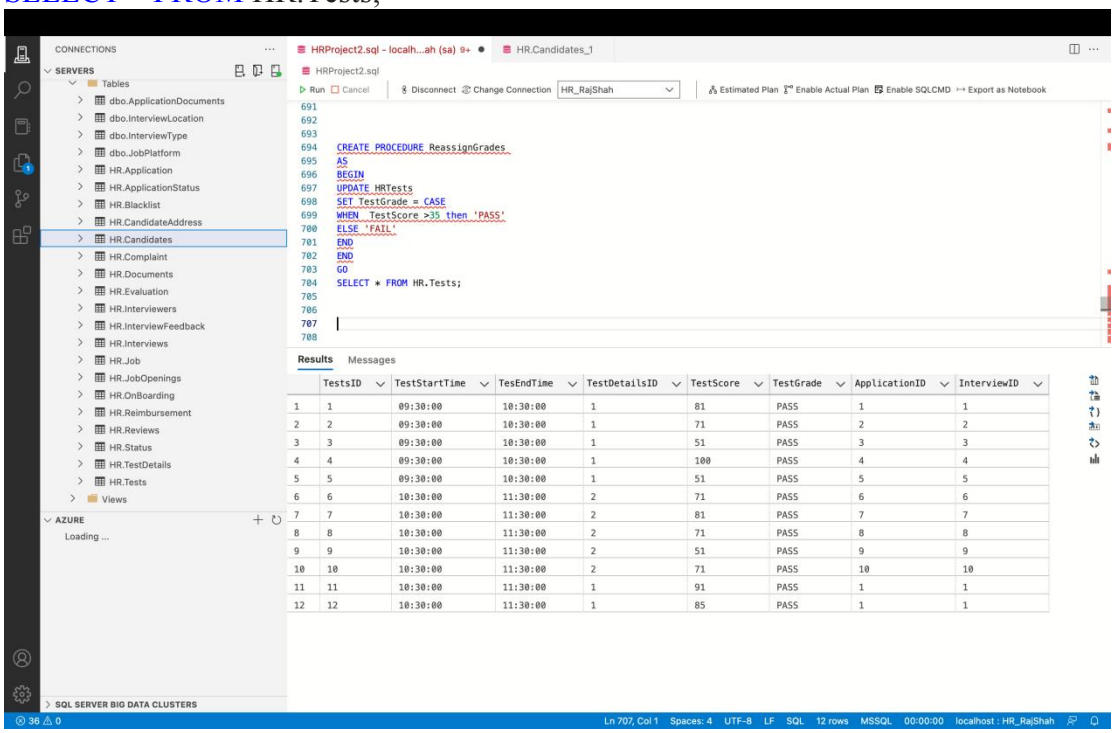


2. Stored Procedures

Stored Procedure 1

The procedure is designed to give candidates grades based on their obtained scores.

```
CREATE PROCEDURE ReassignGrades
AS
BEGIN
UPDATE HRTests
SET TestGrade = CASE
WHEN TestScore >35 then 'PASS'
ELSE 'FAIL'
END
END
GO
SELECT * FROM HR.Tests;
```

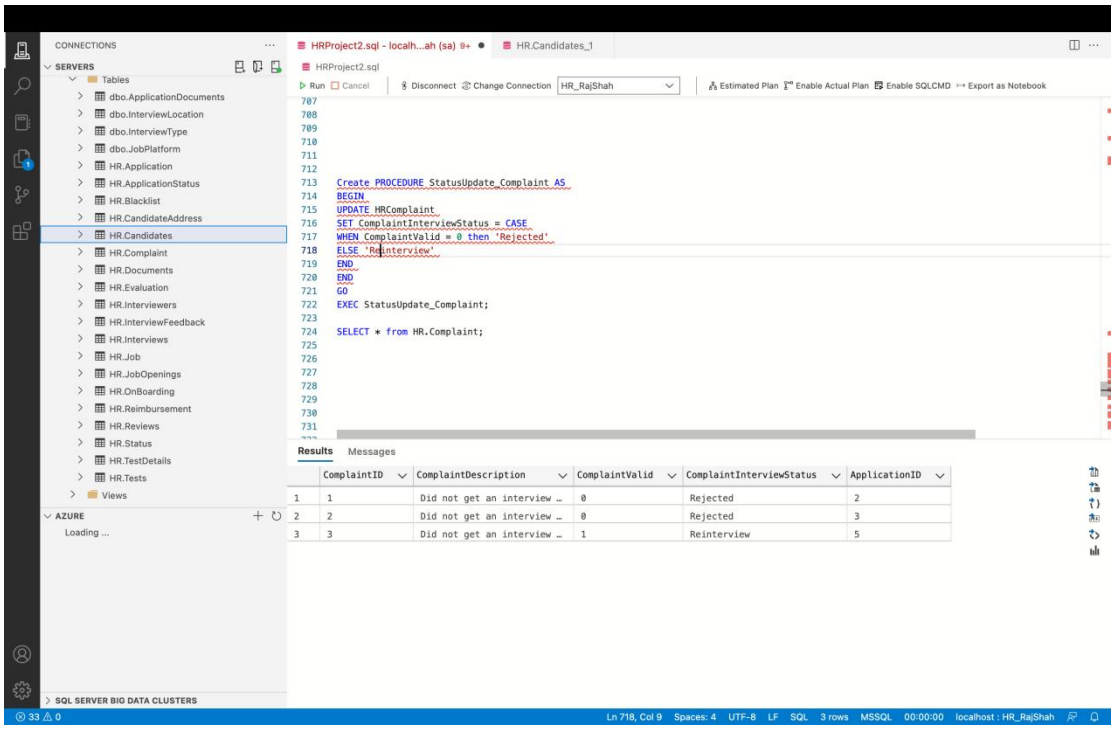


Stored Procedure 2

If the complaint is genuine, the candidate has a second meeting; otherwise, the status of the interview is changed to Rejected. This technique was developed to set the Candidate interview status to Reinterview or Rejected based on the ComplaintValid bit.

```
Create PROCEDURE StatusUpdate_Complaint AS
BEGIN
UPDATE HRComplaint
SET ComplaintInterviewStatus = CASE
WHEN ComplaintValid = 0 then 'Rejected'
```

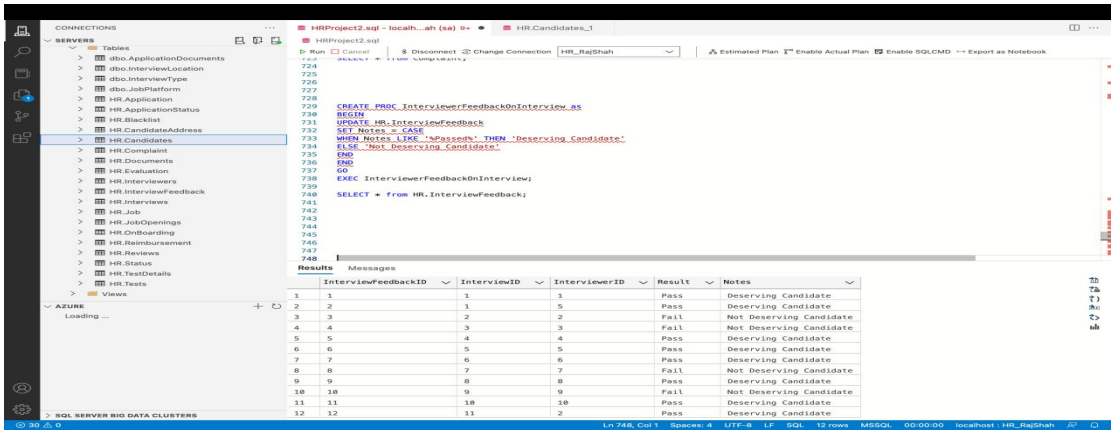
```
ELSE 'Reinterview'
END
END
GO
EXEC StatusUpdate_Complaint;
SELECT * from HR.Complaint;
```



Stored Procedure 3

This procedure is used to assign feedback to the applicant depending on the outcome of the interview; specifically, whenever the outcome contains the term "Passed," the feedback is set to Deserving Candidate, and otherwise to Not Deserving Candidate.

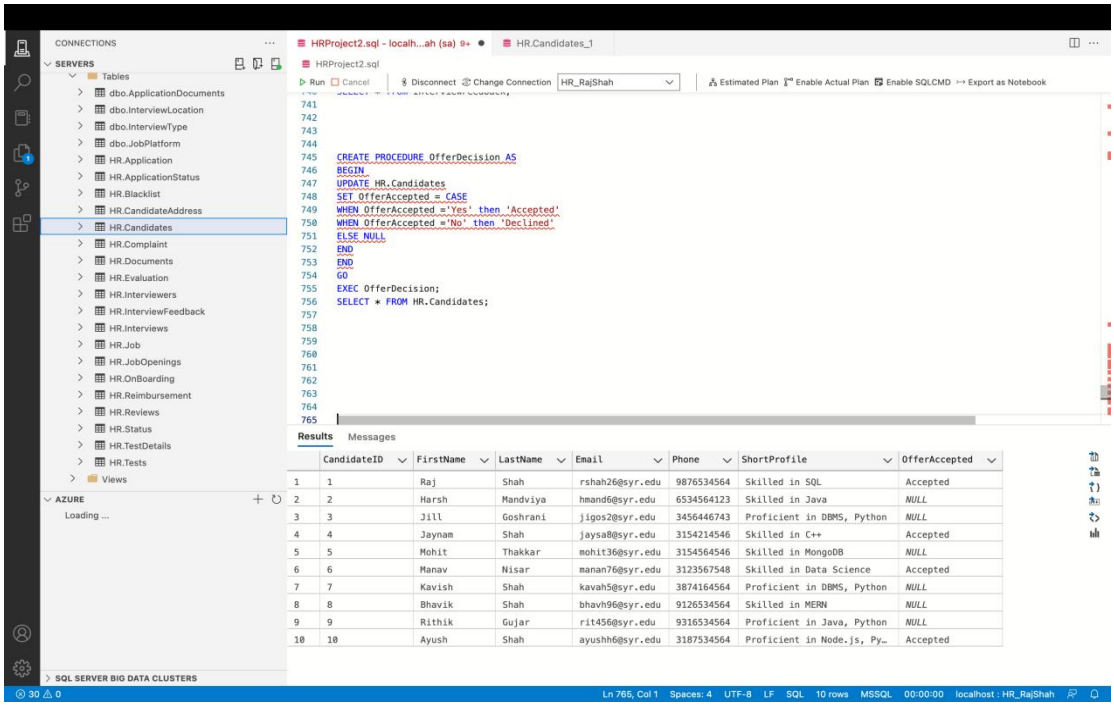
```
CREATE PROC InterviewerFeedbackOnInterview as
BEGIN
UPDATE HR.InterviewFeedback
SET Notes = CASE
WHEN Notes LIKE '%Passed%' THEN 'Deserving Candidate'
ELSE 'Not Deserving Candidate'
END
END
GO
EXEC InterviewerFeedbackOnInterview;

SELECT * from HR.InterviewFeedback;
```



Stored Procedure 4

This procedure is used to change candidate's offeraccepted column value.

```
CREATE PROCEDURE OfferDecision AS
BEGIN
UPDATE HR.Candidates
SET OfferAccepted = CASE
WHEN OfferAccepted ='Yes' then 'Accepted'
WHEN OfferAccepted ='No' then 'Declined'
ELSE NULL
END
END
GO
EXEC OfferDecision;
SELECT * FROM HR.Candidates;
```

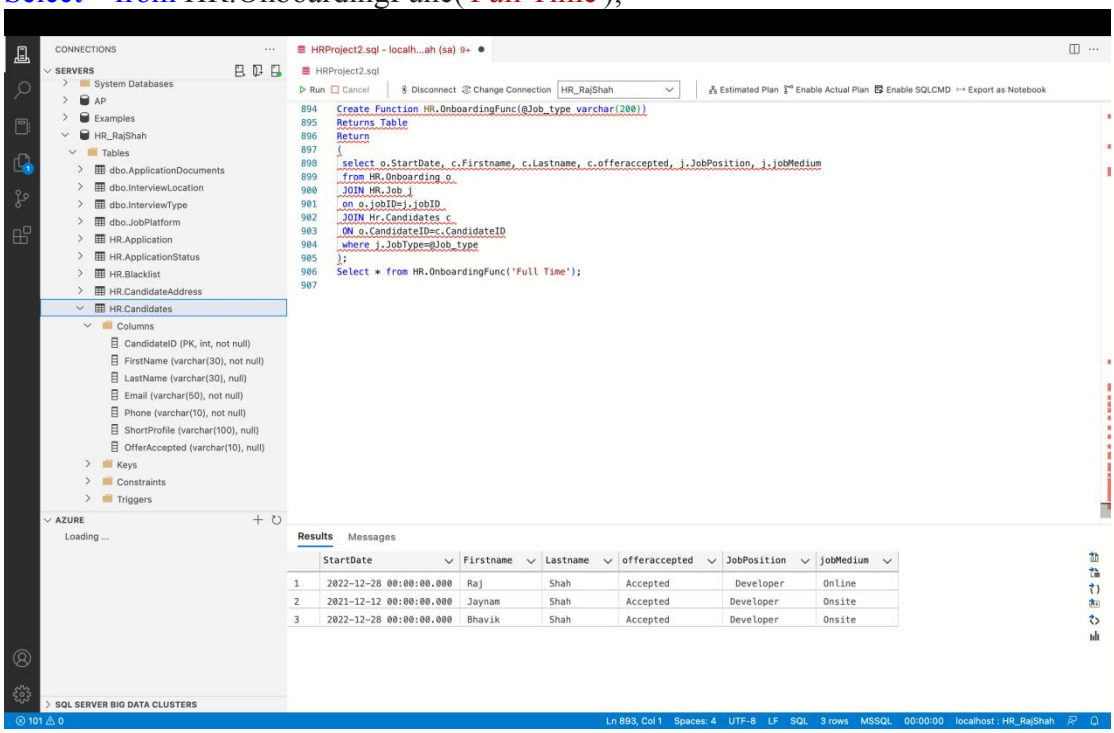


3. User Defined Functions

Function 1

The job type variable is taken as an input by the onboarding function, which then provides details about the applicant who was recruited for that kind. The applicant's contact information, the job for which they were employed, and the start date are all returned by this function.

```
Create Function HR.OnboardingFunc(@Job_type varchar(200))
Returns Table
Return
(
SELECT o.StartDate, c.Firstname, c.Lastname, c.offeraccepted, j.JobPosition,
j.jobMedium
FROM HR.Onboarding o
JOIN HR.Job j
ON o.jobID=j.jobID
JOIN Hr.Candidates c
ON o.CandidateID=c.CandidateID
WHERE j.JobType=@Job_type
);
Select * from HR.OnboardingFunc('Full Time');
```

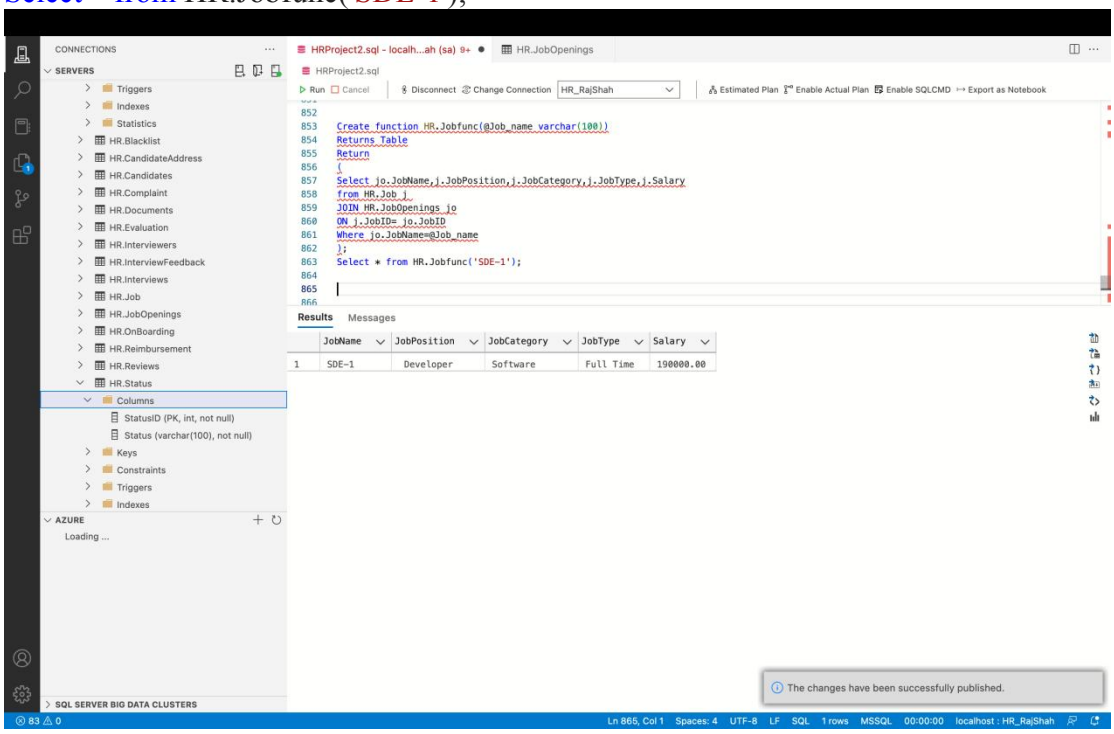


Function 2

This function accepts a job name as an input and returns a list of all applicable jobs along with details about each one, including the job's title, position, type, method of execution, and duties.

```
Create function HR.Jobfunc(@Job_name varchar(100))
```

```
Returns Table
Return
(
Select jo.JobName,j.JobPosition,j.JobCategory,j.JobType,j.Salary
from HR.Job j
JOIN HR.JobOpenings jo
ON j.JobID= jo.JobID
Where jo.JobName=@Job_name
);
Select * from HR.Jobfunc('SDE-1');
```

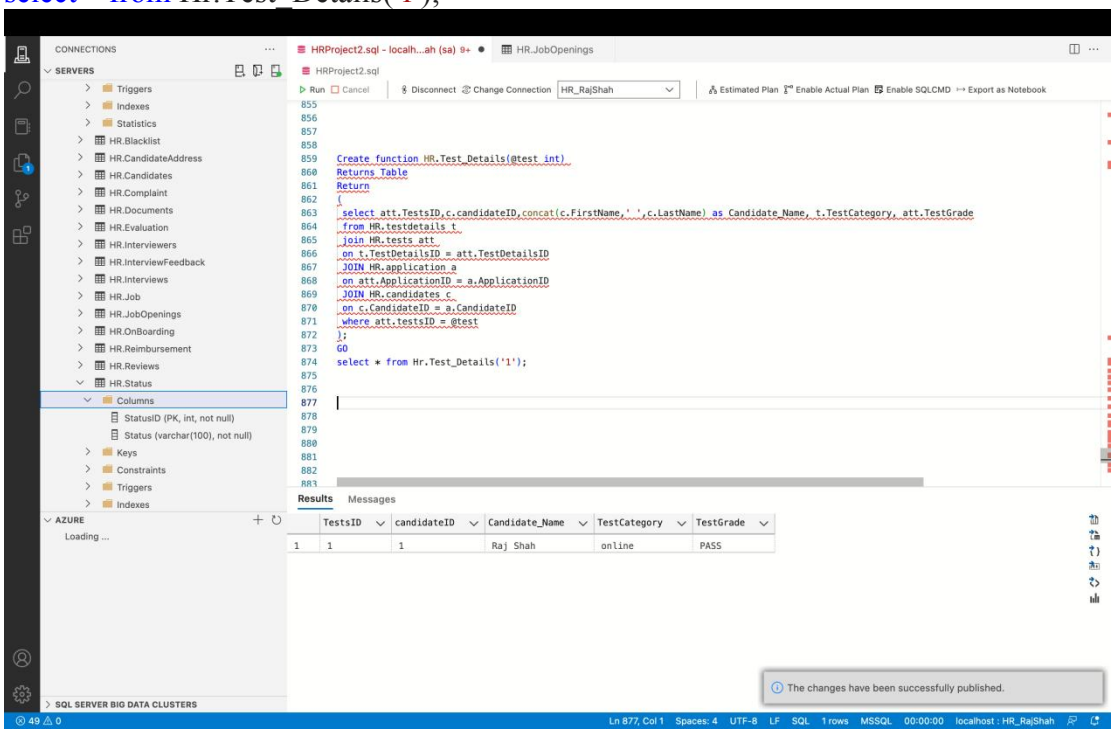


Function 3

This function accepts a test id as an input and returns a list of all applicable test along with details about each one, including the TestsID, candidateID, Candidate Name, TestCategory, and TestGrade.

```
Create function HR.Test_Details(@test int)
Returns Table
Return
(
select att.TestsID,c.candidateID,concat(c.FirstName,' ',c.LastName) as
Candidate_Name, t.TestCategory, att.TestGrade
from HR.testdetails t
join HR.tests att
on t.TestDetailsID = att.TestDetailsID
JOIN HR.application a
```

```
on att.ApplicationID = a.ApplicationID
JOIN HR.candidates c
on c.CandidateID = a.CandidateID
where att.testsID = @test
);
GO
select * from Hr.Test_Details('1');
```

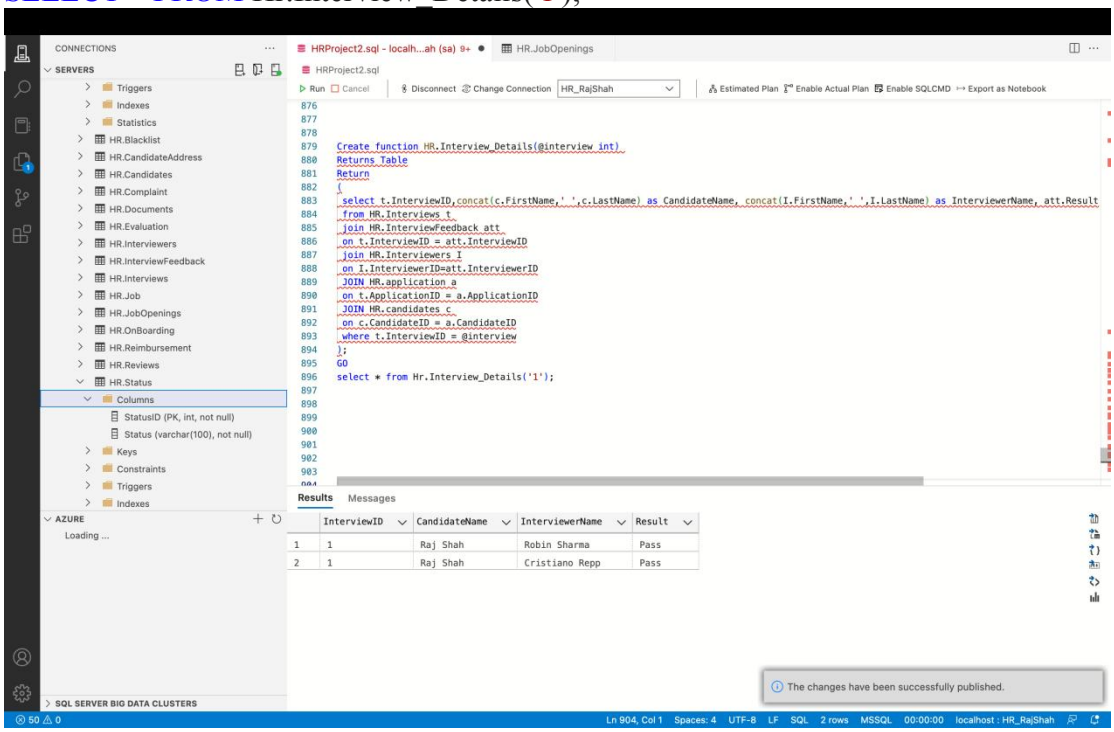


Function 4

This function accepts a interview id as an input and returns a list of all applicable Interview along with details about each one, including the InterviewID, Candidate Name, InterviewerName, and Result.

```
Create function HR.Interview_Details(@interview int)
Returns Table
Return
(
select t.InterviewID,concat(c.FirstName,' ',c.LastName) as CandidateName,
concat(I.FirstName,' ',I.LastName) as InterviewerName, att.Result
from HR.Interviews t
join HR.InterviewFeedback att
on t.InterviewID = att.InterviewID
join HR.Interviewers I
on I.InterviewerID=att.InterviewerID
JOIN HR.application a
on t.ApplicationID = a.ApplicationID
```

```
JOIN HR.candidates c
on c.CandidateID = a.CandidateID
where t.InterviewID = @interview
);
GO
SELECT * FROM Hr.Interview_Details('1');
```



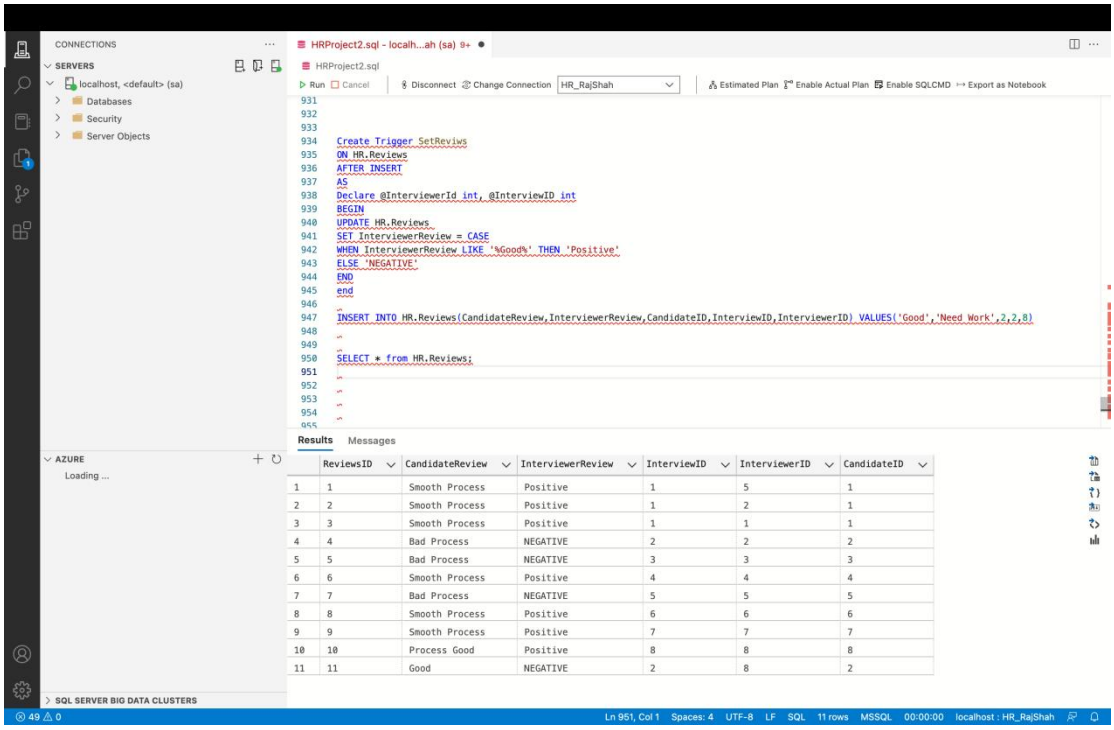
4. Triggers

Trigger 1

This trigger is activated whenever a row is inserted into the Reviews table.

```
Create Trigger TriggerReview
ON HR.Reviews
AFTER INSERT
AS
Declare @InterviewerID INT, @InterviewID INT
BEGIN
UPDATE HR.Reviews
SET InterviewerReview = CASE
WHEN InterviewerReview LIKE '%Good%' THEN 'POSITIVE'
ELSE 'NEGATIVE'
END
END
```

```
INSERT INTO
HR.Reviews(CandidateReview,InterviewerReview,CandidateID,InterviewID,Intervie
werID) VALUES('Good','Need Work',2,2,8)


SELECT * from HR.Reviews;
```

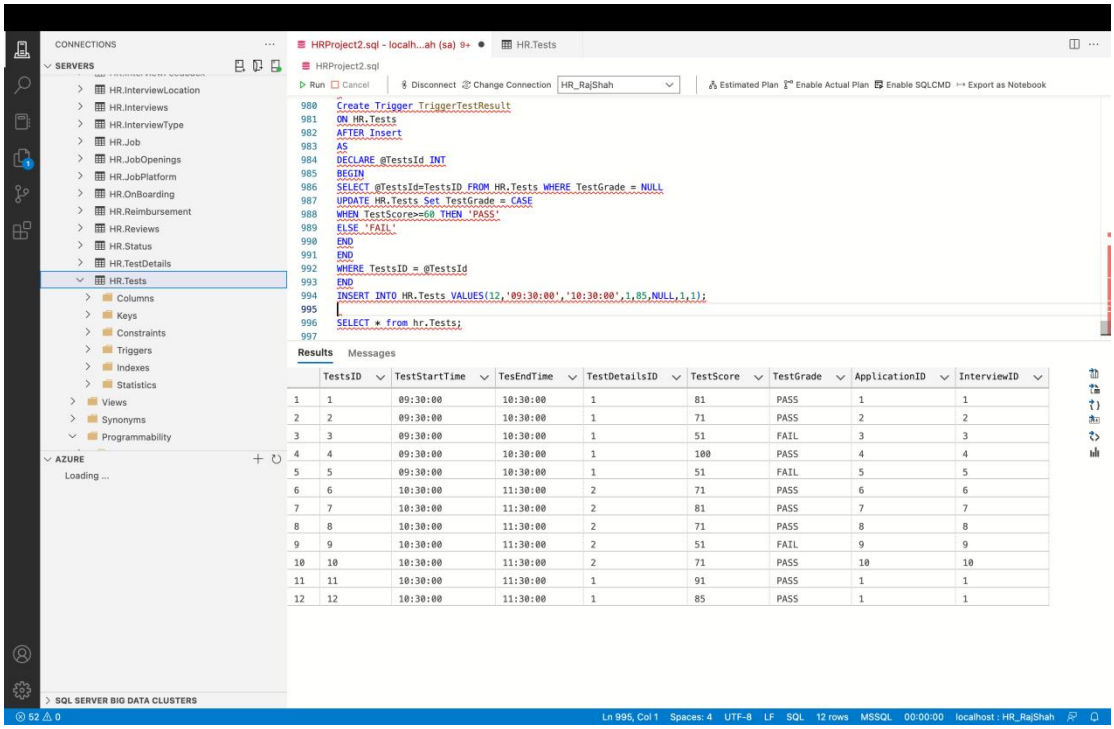


Trigger 2

This trigger is activated whenever a row is inserted into the Tests table. The value is set.

```
Create Trigger TriggerTestResult
ON HR.Tests
AFTER Insert
AS
DECLARE @TestsId INT
BEGIN
SELECT @TestsId=TestsID FROM HR.Tests WHERE TestGrade = NULL
UPDATE HR.Tests Set TestGrade = CASE
WHEN TestScore>=60 THEN 'PASS'
ELSE 'FAIL'
END
END
WHERE TestsID = @TestsId
END
```

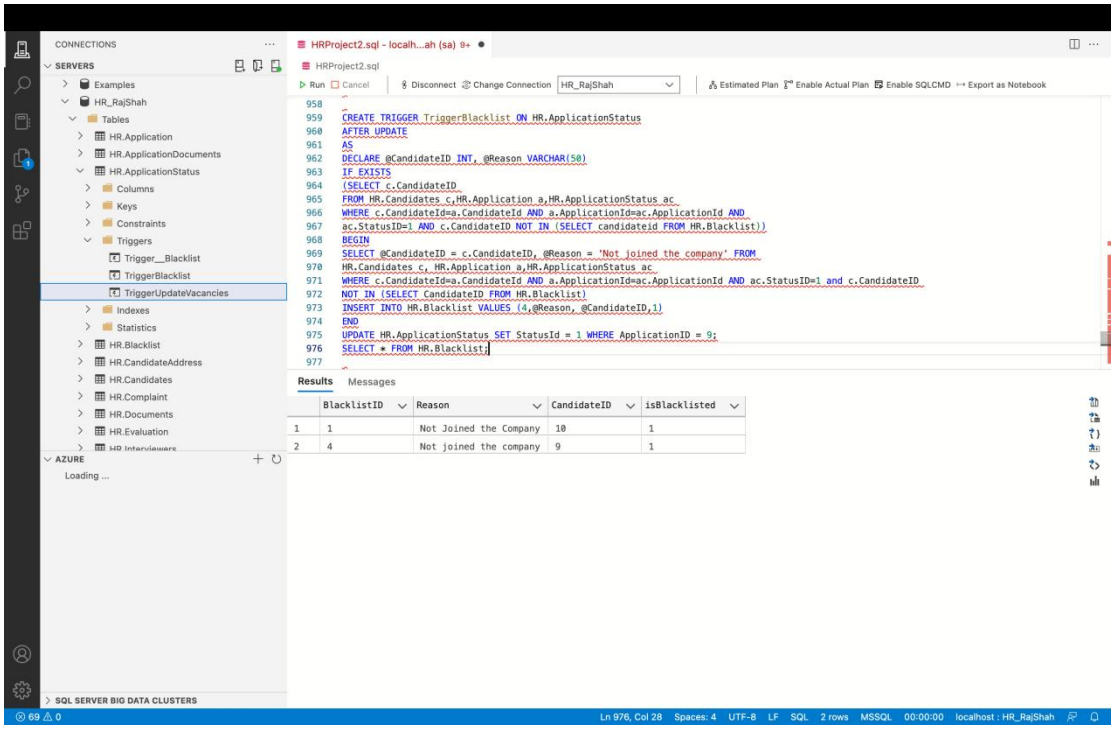
```
INSERT INTO HR.Tests VALUES(12,'09:30:00','10:30:00',1,85,NULL,1,1);

SELECT * from hr.Tests;
```



Trigger 3
When the candidate's status is changed to Declined, this query adds them to blacklist table.

```
CREATE TRIGGER TriggerBlacklist ON HR.ApplicationStatus
AFTER UPDATE
AS
DECLARE @CandidateID INT, @Reason VARCHAR(50)
IF EXISTS
(SELECT c.CandidateID
FROM HR.Candidates c,HR.Application a,HR.ApplicationStatus ac
WHERE c.CandidateId=a.CandidateId AND a.ApplicationId=ac.ApplicationId AND
ac.StatusID=1 AND c.CandidateID NOT IN (SELECT candidateid FROM
HR.Blacklist))
BEGIN
SELECT @CandidateID = c.CandidateID, @Reason = 'Not joined the company'
FROM
HR.Candidates c, HR.Application a,HR.ApplicationStatus ac
WHERE c.CandidateId=a.CandidateId AND a.ApplicationId=ac.ApplicationId AND
ac.StatusID=1 and c.CandidateID
```

```
NOT IN (SELECT CandidateID FROM HR.Blacklist)
INSERT INTO HR.Blacklist VALUES (4,@Reason, @CandidateID,1)
END
UPDATE HR.ApplicationStatus SET StatusId = 1 WHERE ApplicationID = 9;
SELECT * FROM HR.Blacklist;
```

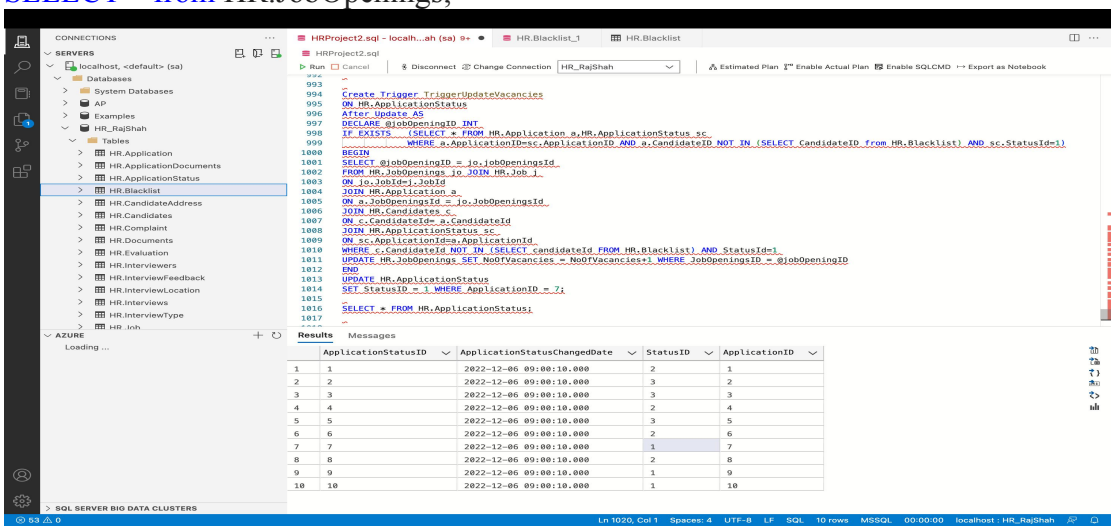


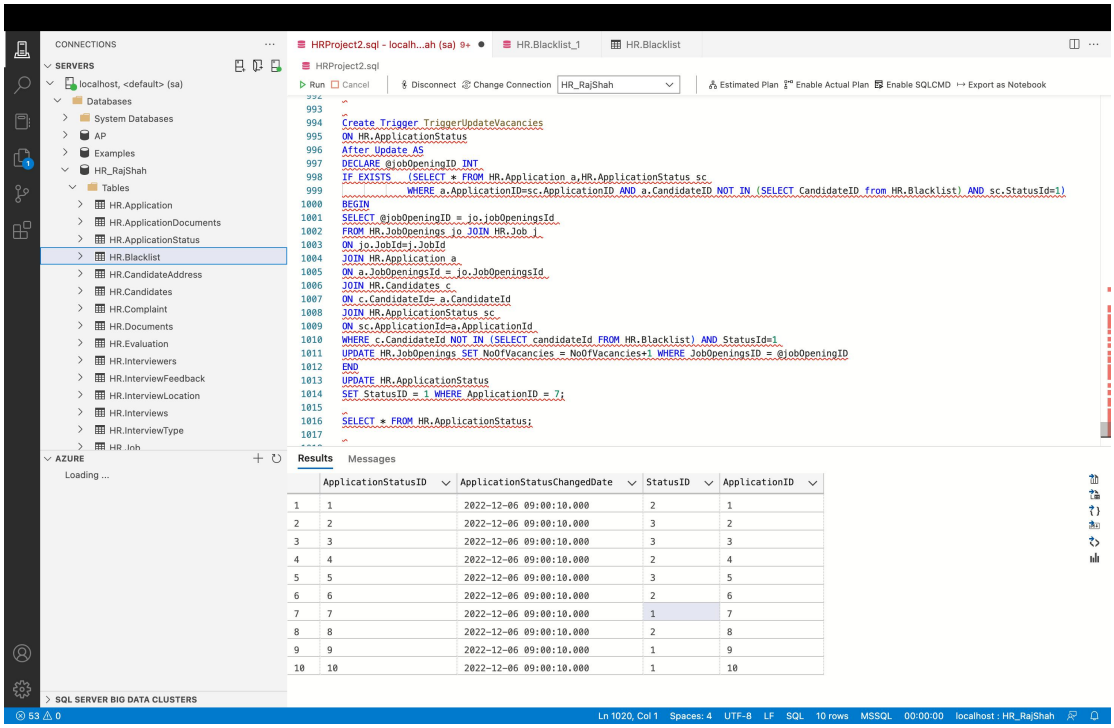
Trigger 4

When the application status is changed from accepted to declined, this query executes the triggers. There are now 1 more vacancies available.

```
Create Trigger TriggerUpdateVacancies
ON HR.ApplicationStatus
After Update AS
DECLARE @jobOpeningID INT
IF EXISTS (SELECT * FROM HR.Application a,HR.ApplicationStatus sc
WHERE a.ApplicationID=sc.ApplicationID AND a.CandidateID NOT IN (SELECT
CandidateID from HR.Blacklist) AND sc.StatusId=1)
BEGIN
SELECT @jobOpeningID = jo.jobOpeningsId
FROM HR.JobOpenings jo JOIN HR.Job j
ON jo.JobId=j.JobId
JOIN HR.Application a
ON a.JobOpeningsId = jo.JobOpeningsId
JOIN HR.Candidates c
```

```
ON c.CandidateId= a.CandidateId
JOIN HR.ApplicationStatus sc
ON sc.ApplicationId=a.ApplicationId
WHERE c.CandidateId NOT IN (SELECT candidateId FROM HR.Blacklist) AND
StatusId=1
UPDATE HR.JobOpenings SET NoOfVacancies = NoOfVacancies+1 WHERE
JobOpeningsID = @jobOpeningID
END
UPDATE HR.ApplicationStatus
SET StatusID = 1 WHERE ApplicationID = 7;
SELECT * FROM HR.ApplicationStatus;
SELECT * from HR.JobOpenings;
```



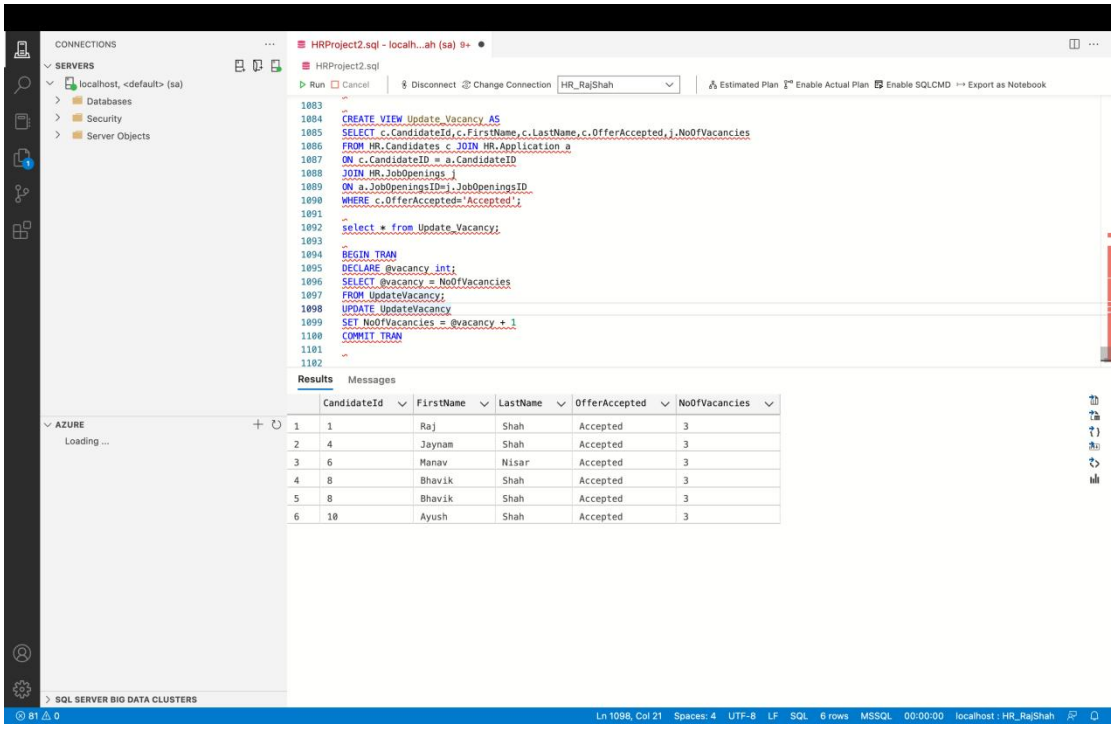


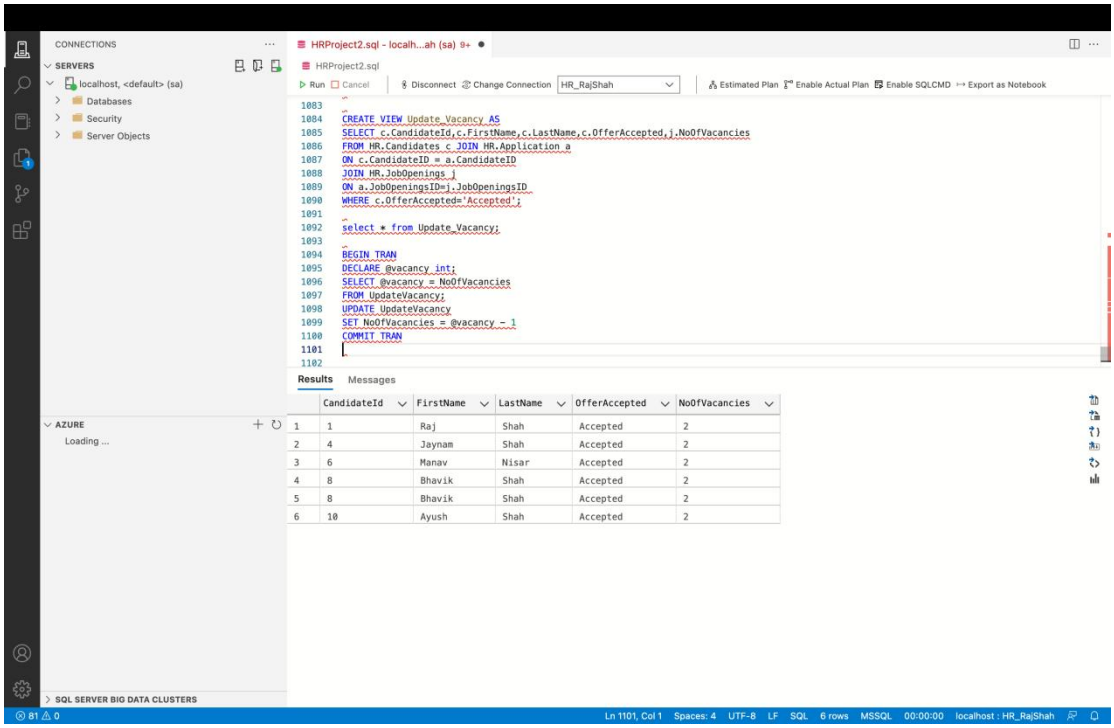
5. Transactions

Transaction 1

This transaction removes one job vacancy for which the candidate accepted the offer.

```
CREATE VIEW Update_Vacancy AS
SELECT c.CandidateId,c.FirstName,c.LastName,c.OfferAccepted,j.NoOfVacancies
FROM HR.Candidates c JOIN HR.Application a
ON c.CandidateID = a.CandidateID
JOIN HR.JobOpenings j
ON a.JobOpeningsID=j.JobOpeningsID
WHERE c.OfferAccepted='Accepted';

select * from Update_Vacancy;

BEGIN TRAN
DECLARE @vacancy int;
SELECT @vacancy = NoOfVacancies
FROM Update_Vacancy;
UPDATE Update_Vacancy
SET NoOfVacancies = @vacancy - 1
COMMIT TRAN
```



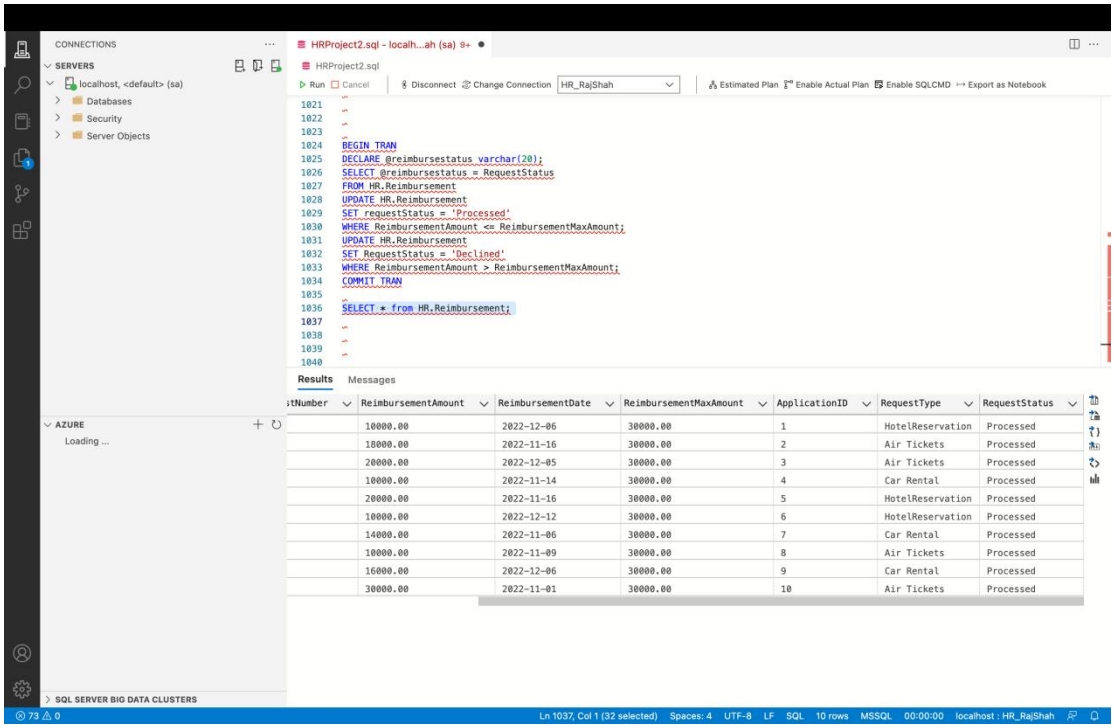


Transaction 2

This Transaction modifies the table's reimbursement status based on the amount requested and maximum amount. The reimbursement status is changed to "Rejected" if the amount desired is greater than the maximum amount authorized, otherwise it is changed to "Processed."

```
BEGIN TRAN
DECLARE @reimbursestatus varchar(20);
SELECT @reimbursestatus = RequestStatus
FROM HR.Reimbursement
UPDATE HR.Reimbursement
SET requestStatus = 'Processed'
WHERE ReimbursementAmount <= ReimbursementMaxAmount;
UPDATE HR.Reimbursement
SET RequestStatus = 'Declined'
WHERE ReimbursementAmount > ReimbursementMaxAmount;
COMMIT TRAN
```

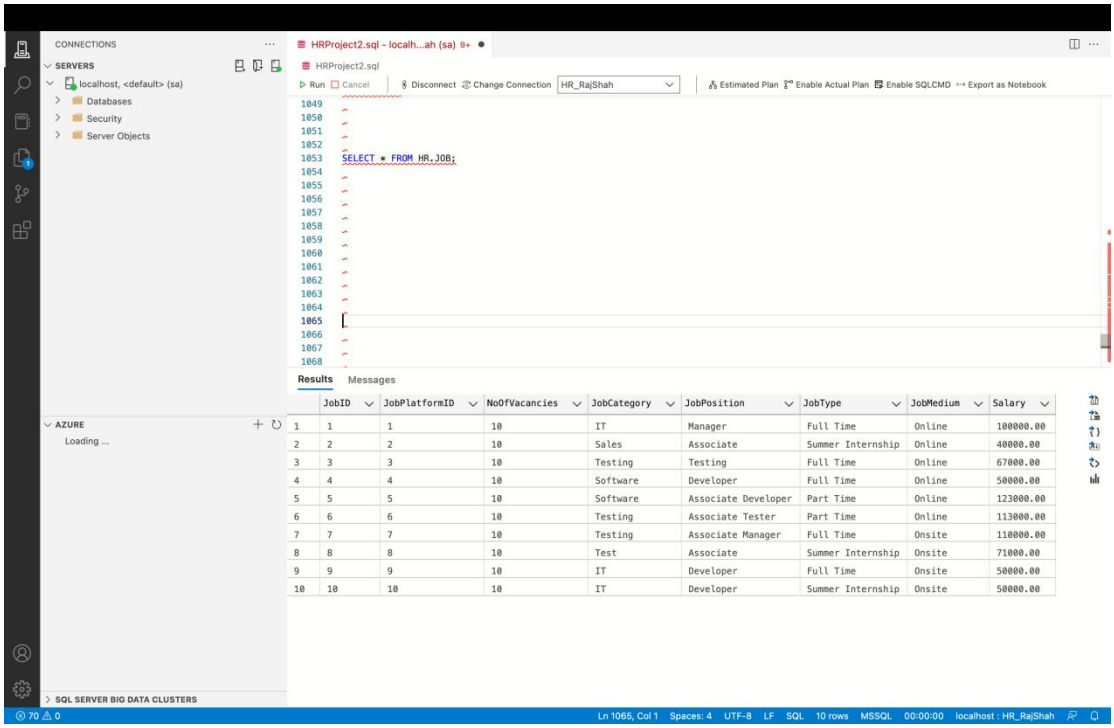
```
SELECT * from HR.Reimbursement;
```

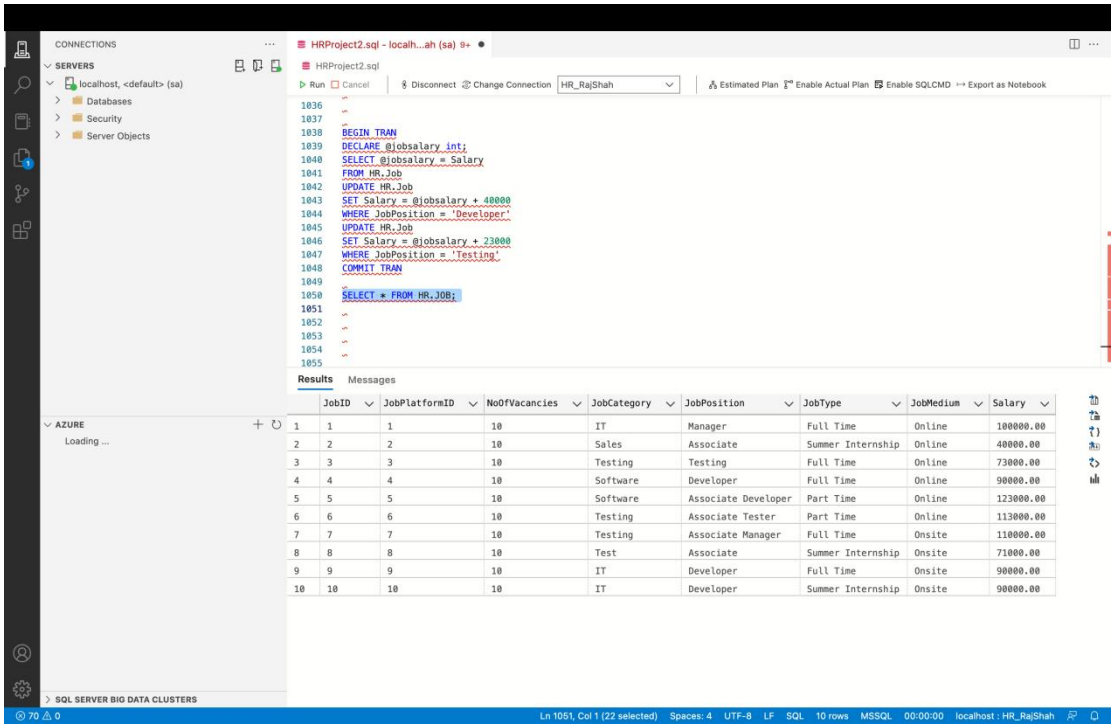


Transaction 3

The Job table shows how the salary has been modified since the transaction was completed for Developer and Testing Job Positions.

```
BEGIN TRAN
DECLARE @jobsalary int;
SELECT @jobsalary = Salary
FROM HR.Job
UPDATE HR.Job
SET Salary = @jobsalary + 40000
WHERE JobPosition = 'Developer'
UPDATE HR.Job
SET Salary = @jobsalary + 23000
WHERE JobPosition = 'Testing'
COMMIT TRAN
SELECT * FROM HR.JOB;
```





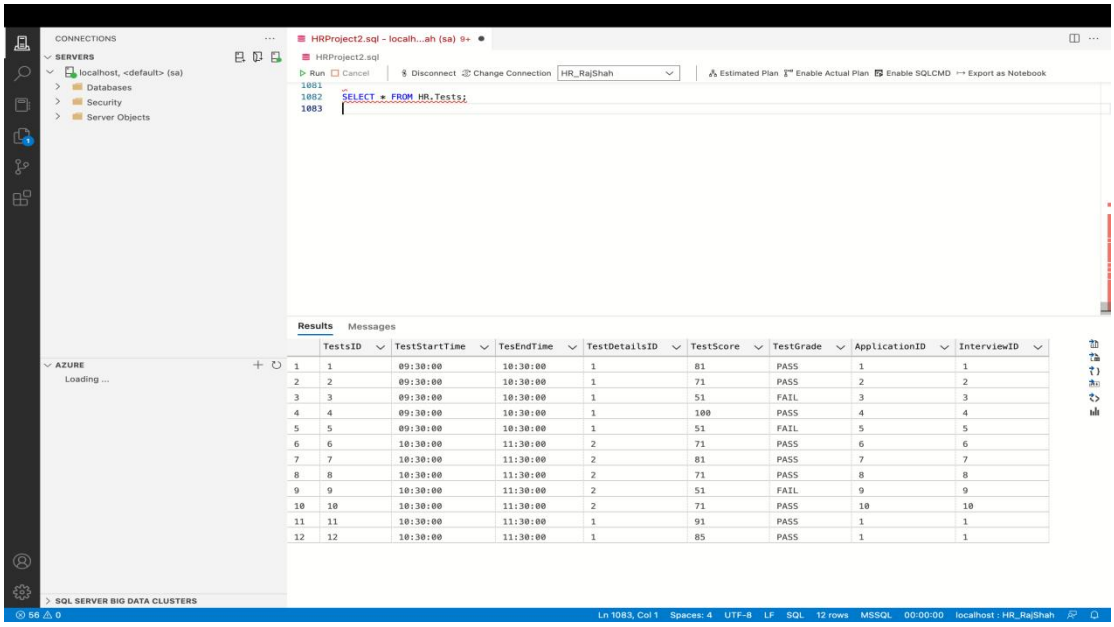
Transaction 4

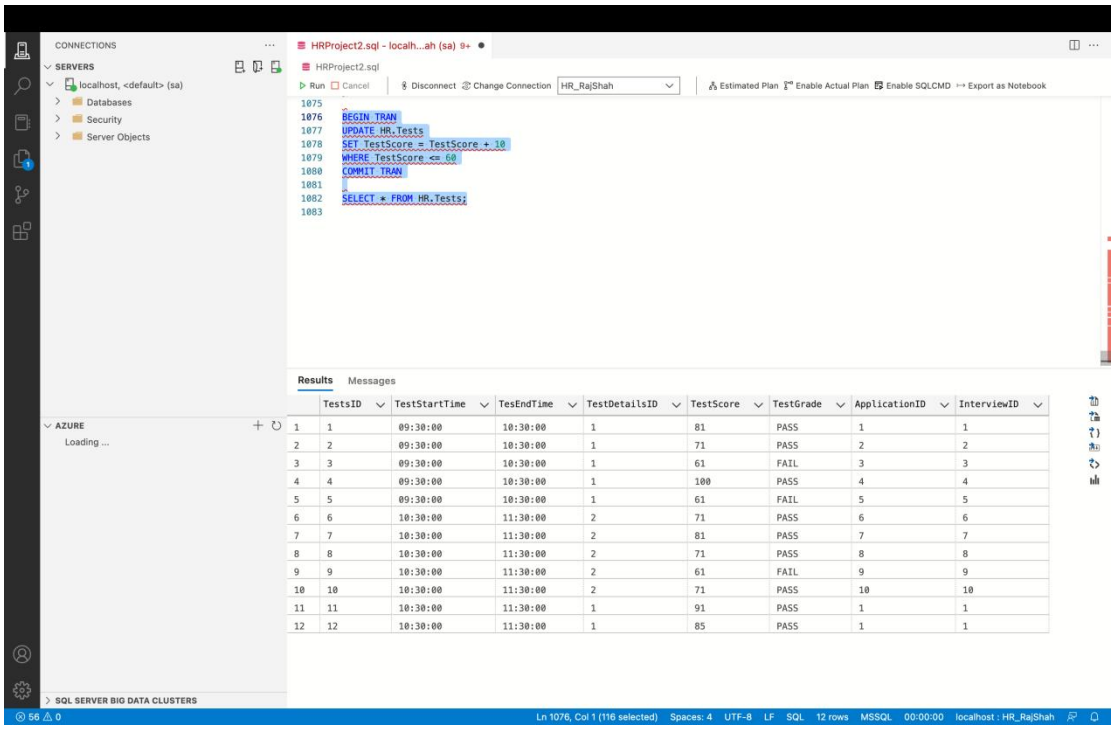
The Tests table shows how the TestScore has been increased by 10 marks since the transaction was completed.

Condition is applied for test scoe less than 60 increase it by 10 marks.

```
BEGIN TRAN
UPDATE HR.Tests
SET TestScore = TestScore + 10
WHERE TestScore <= 60
```

```
COMMIT TRAN

SELECT * FROM HR.Tests;
```





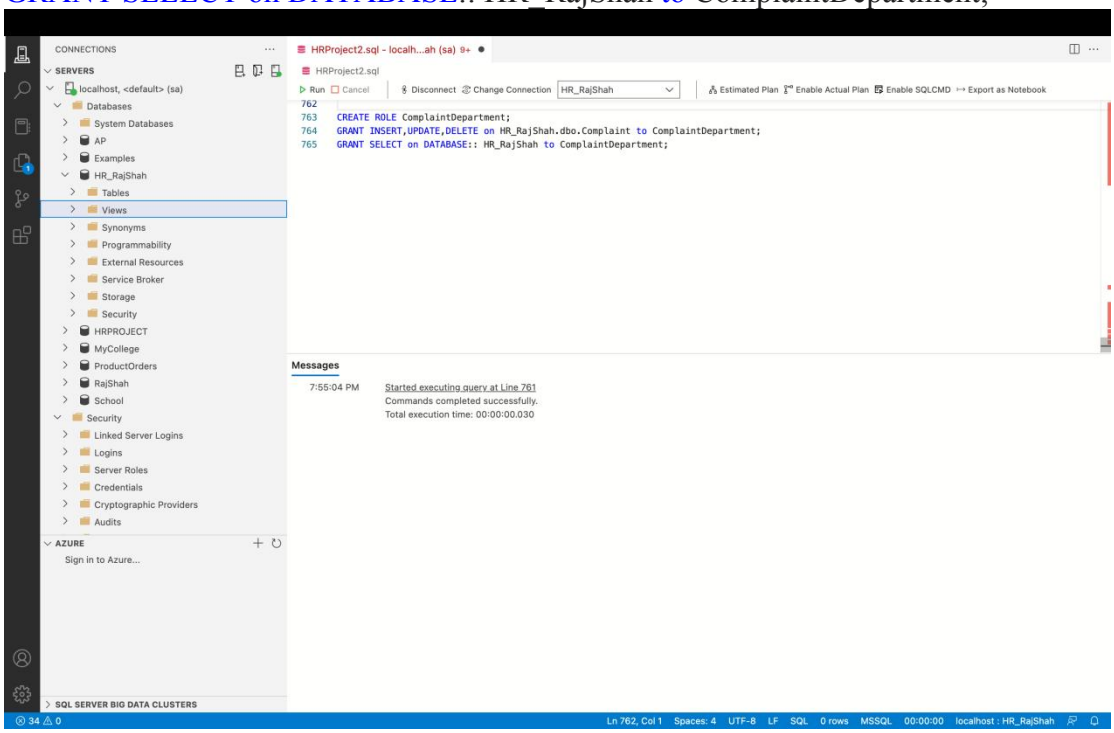
6. Test Scripts

TestScript 1

This script creates a role with the INSERT, UPDATE, and DELETE privileges for the Complaint table. The purpose of this function is to manage information relating to complaints, such as deciding if the candidate's complaint is legitimate or not and updating the table appropriately. Since changing the Complaints table may require

accessing other tables in the database, the Complaints Department role has also been granted Select permission for the whole HR_RajShah database. The person in charge of the complaints department can be given this job, which would provide him access to and control over all data pertaining to complaints.

```
CREATE ROLE ComplaintDepartment
GO
GRANT INSERT,UPDATE,DELETE on HR_RajShah.dbo.Complaint to
ComplaintDepartment
GO
GRANT SELECT on DATABASE:: HR_RajShah to ComplaintDepartment;
```

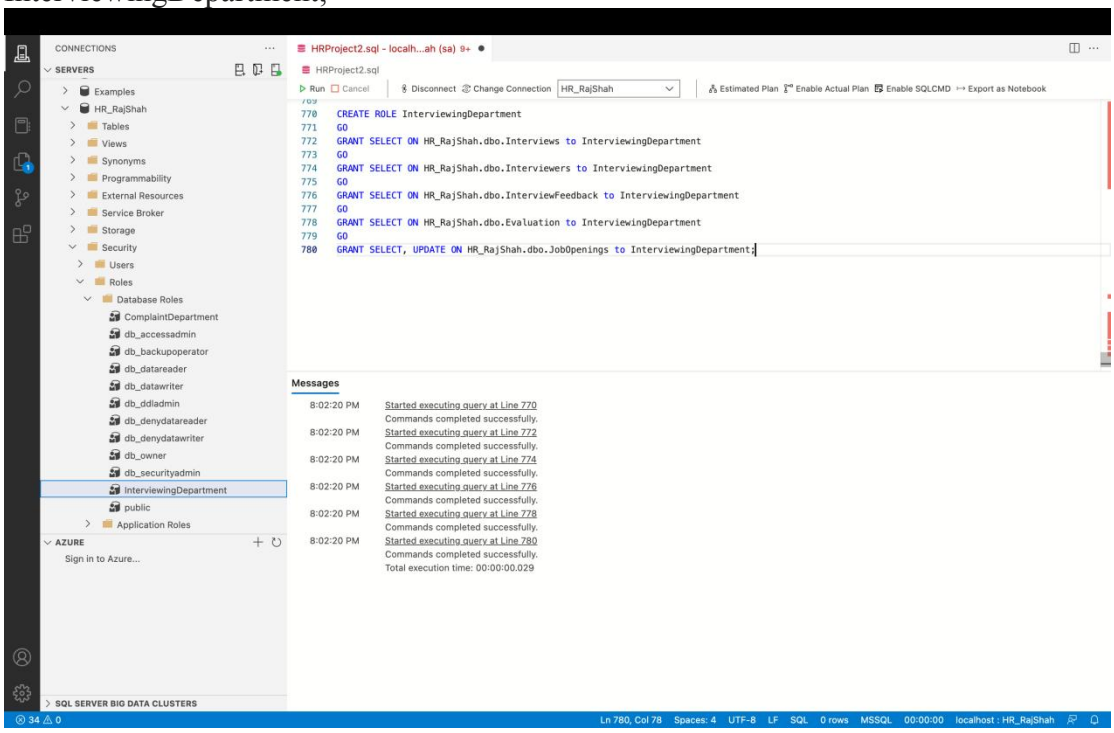


TestScript 2

The role Interviewing Department is created by this script, and it has access to all tables connected to interviews, including interview, interviewer, feedback, and assessment. The user who will oversee the interviewing process can be given this position, which will provide him access to and control over all interview-related data.

```
CREATE ROLE InterviewingDepartment
GO
GRANT SELECT ON HR_RajShah.dbo.Interviews to InterviewingDepartment
GO
GRANT SELECT ON HR_RajShah.dbo.Interviewers to InterviewingDepartment
GO
GRANT SELECT ON HR_RajShah.dbo.InterviewFeedback to
InterviewingDepartment
```

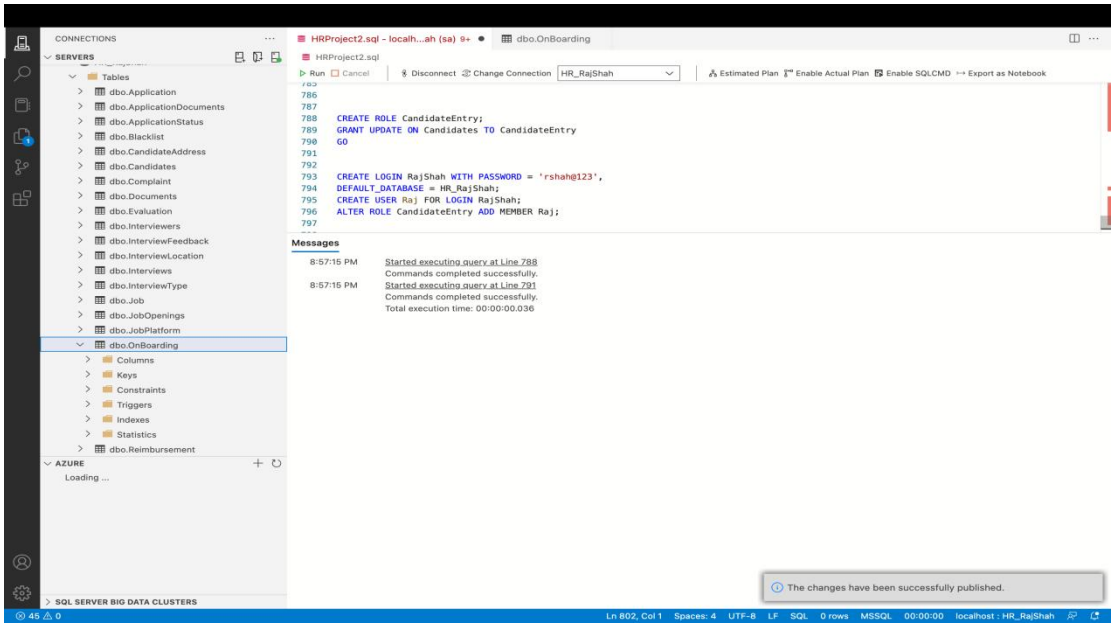
```
GO
GRANT SELECT ON HR_RajShah.dbo.Evaluation to InterviewingDepartment
GO
GRANT SELECT, UPDATE ON HR_RajShah.dbo.JobOpenings to
InterviewingDepartment;
```



TestScript 3

Create role CandidateEntry and login user Raj with login details and password.

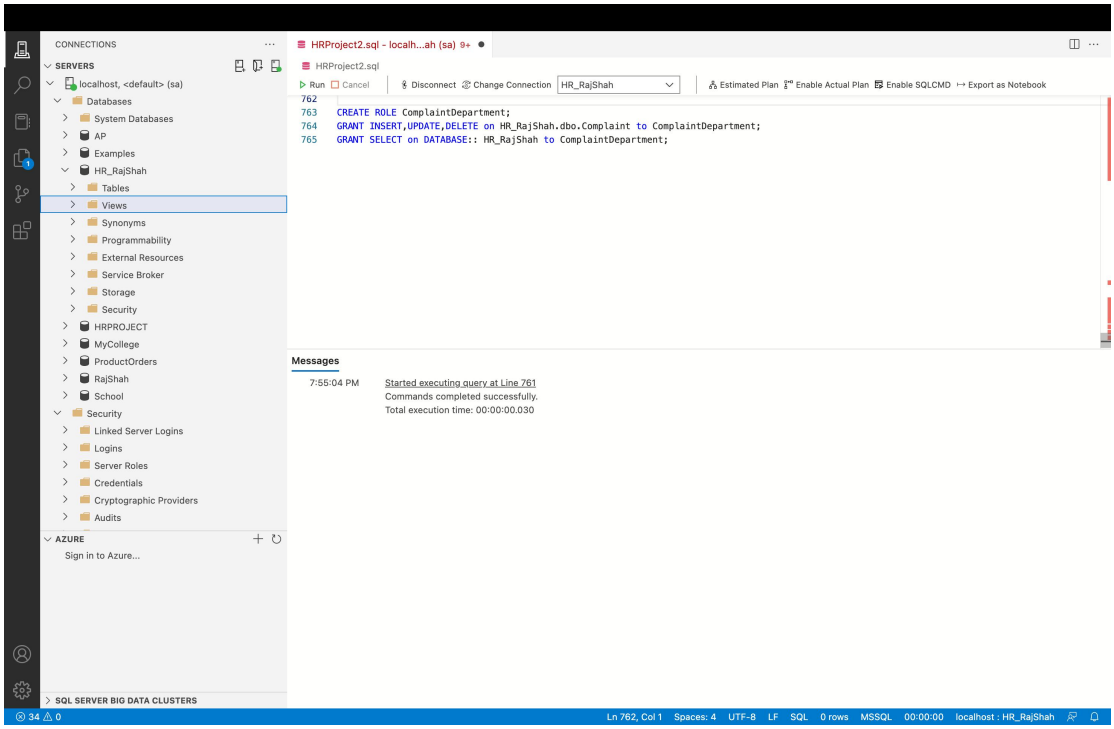
```
CREATE ROLE CandidateEntry;
GRANT UPDATE ON Candidates TO CandidateEntry
GO
CREATE LOGIN RajShah WITH PASSWORD = 'rshah@123',
DEFAULT_DATABASE = HR_RajShah;
CREATE USER Raj FOR LOGIN RajShah;
ALTER ROLE CandidateEntry ADD MEMBER Raj;
```



TestScript 4

Create role InsertNewJob and assign it to JobOpenings.

```
CREATE ROLE InsertNewJob;
GRANT INSERT, UPDATE ON JobOpenings TO InsertNewJob
GO
```



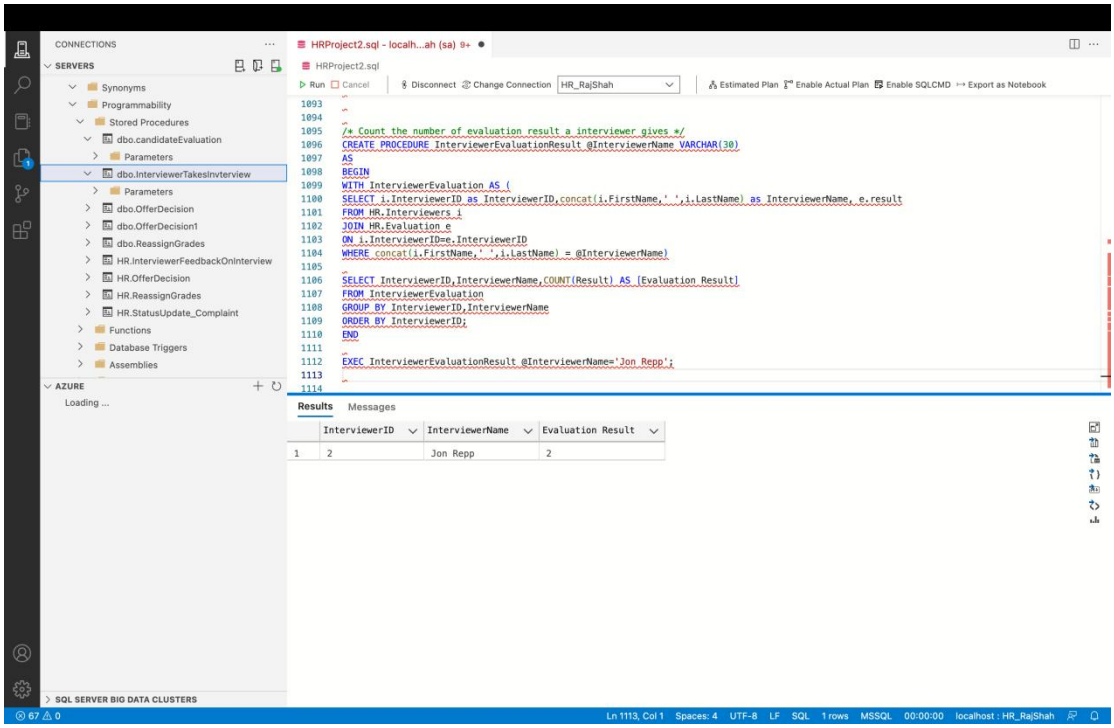
7. Business reports

Business reports 1

Count the number of evaluation result a interviewer gives

```
CREATE PROCEDURE InterviewerEvaluationResult @InterviewerName
VARCHAR(30)
```

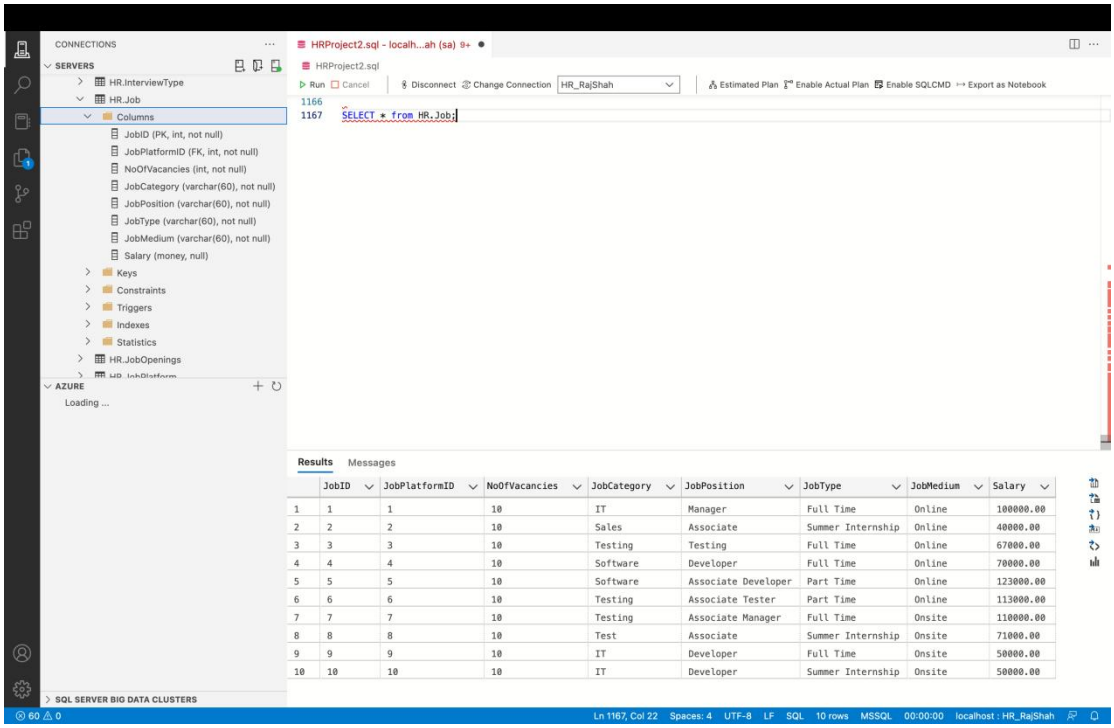
```
AS
BEGIN
WITH InterviewerEvaluation AS (
SELECT i.InterviewerID as InterviewerID,concat(i.FirstName,' ',i.LastName) as
InterviewerName, e.result
FROM HR.Interviewers i
JOIN HR.Evaluation e
ON i.InterviewerID=e.InterviewerID
WHERE concat(i.FirstName,' ',i.LastName) = @InterviewerName)
SELECT InterviewerID,InterviewerName,COUNT(Result) AS [Evaluation Result]
FROM InterviewerEvaluation
GROUP BY InterviewerID,InterviewerName
ORDER BY InterviewerID;
END
EXEC InterviewerEvaluationResult @InterviewerName='Jon Repp';
```



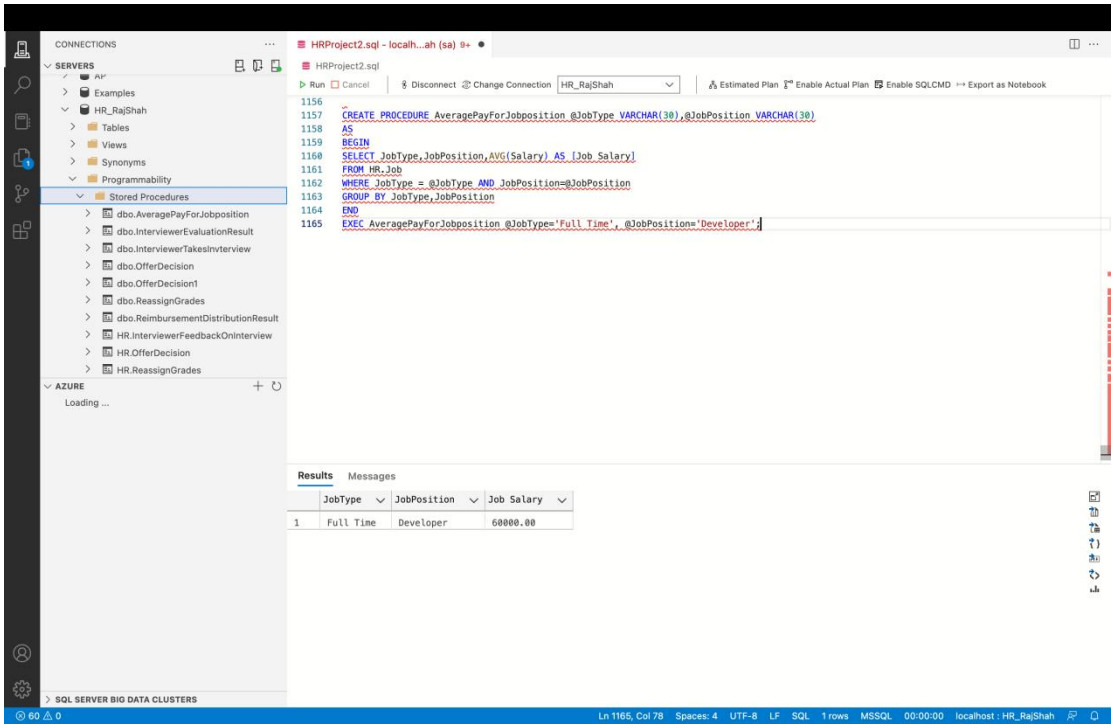
Business Reports 2

The below parameterized procedure calculates Average Salary from custom JobType and JobPosition.

```
SELECT * from HR.Job;
```



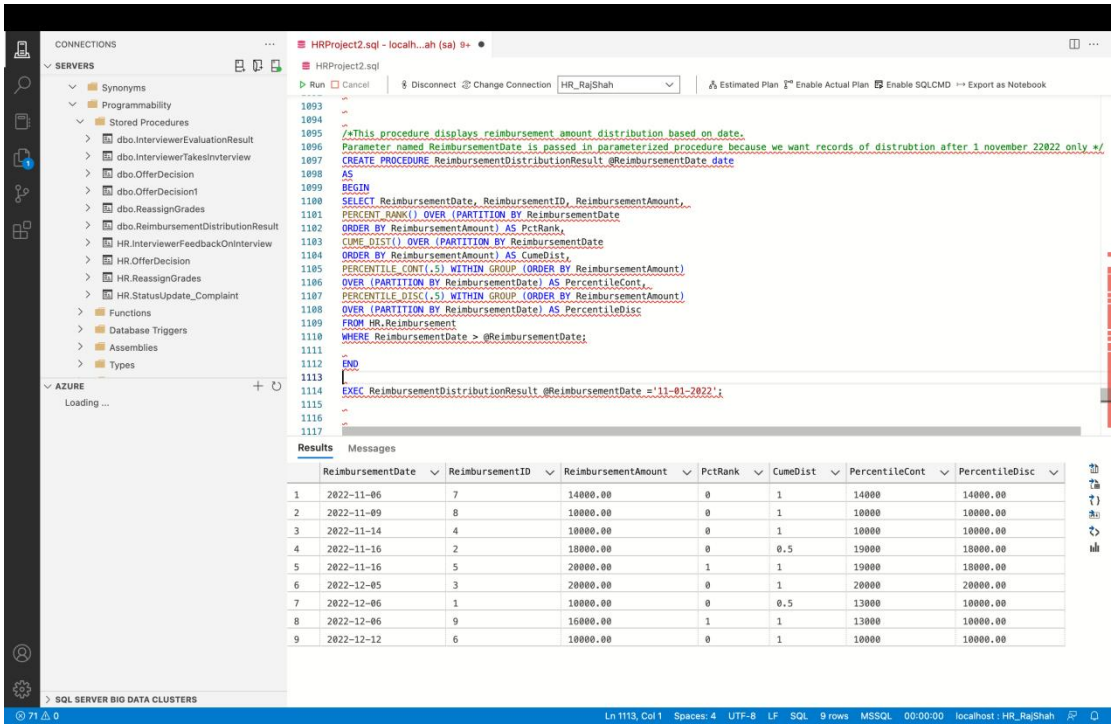

```
CREATE PROCEDURE AveragePayForJobposition @JobType
VARCHAR(30),@JobPosition VARCHAR(30)
AS
BEGIN
SELECT JobType,JobPosition,AVG(Salary) AS [Job Salary]
FROM HR.Job
WHERE JobType = @JobType AND JobPosition=@JobPosition
GROUP BY JobType,JobPosition
END
EXEC AveragePayForJobposition @JobType='Full Time', @JobPosition='Developer';
```



Business reports 3

This procedure displays reimbursement amount distribution based on date. Parameter named ReimbursementDate is passed in parameterized procedure because we want records of distrubtion after 1 november 22022 only.

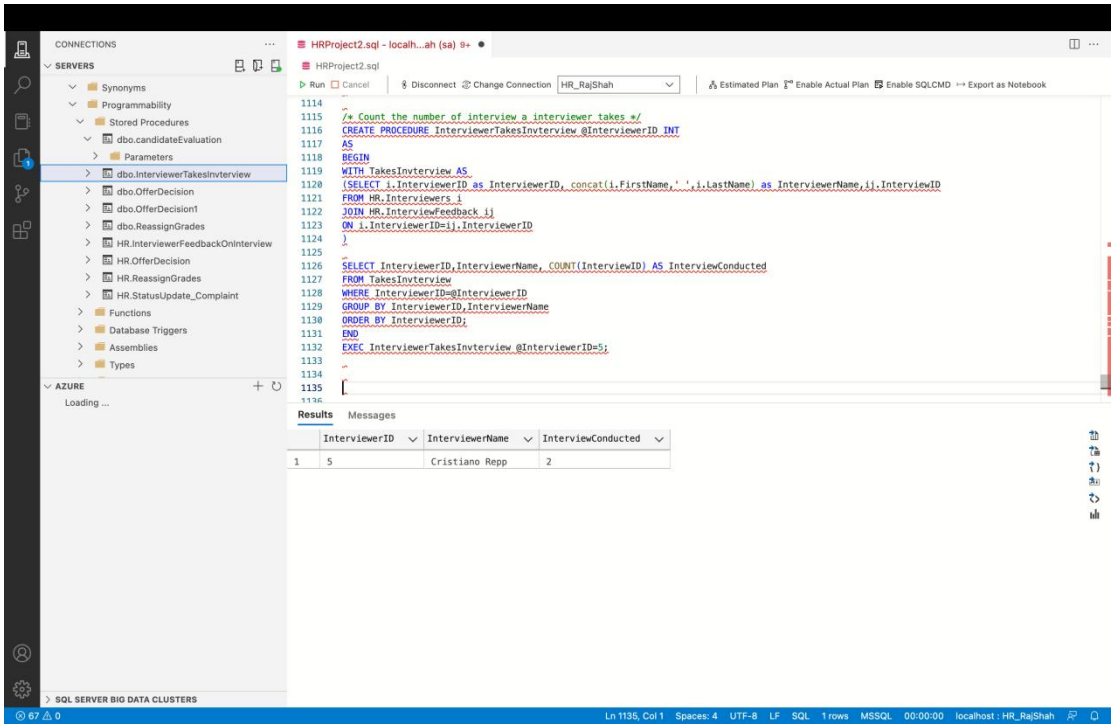
```
CREATE PROCEDURE ReimbursementDistributionResult @ReimbursementDate
date
AS
BEGIN
SELECT ReimbursementDate, ReimbursementID, ReimbursementAmount,
PERCENT_RANK() OVER (PARTITION BY ReimbursementDate
ORDER BY ReimbursementAmount) AS PctRank,
CUME_DIST() OVER (PARTITION BY ReimbursementDate
ORDER BY ReimbursementAmount) AS CumeDist,
PERCENTILE_CONT(.5) WITHIN GROUP (ORDER BY ReimbursementAmount)
OVER (PARTITION BY ReimbursementDate) AS PercentileCont,
PERCENTILE_DISC(.5) WITHIN GROUP (ORDER BY ReimbursementAmount)
OVER (PARTITION BY ReimbursementDate) AS PercentileDisc
FROM HR.Reimbursement
WHERE ReimbursementDate > @ReimbursementDate;
END
EXEC ReimbursementDistributionResult @ReimbursementDate ='11-01-2022';
```



Business reports 4

Count the number of interview a interviewer takes

```
CREATE PROCEDURE InterviewerTakesInvterview @InterviewerID INT
AS
BEGIN
WITH TakesInvterview AS
(SELECT i.InterviewerID as InterviewerID, concat(i.FirstName,' ',i.LastName) as
InterviewerName,ij.InterviewID
FROM HR.Interviewers i
JOIN HR.InterviewFeedback ij
ON i.InterviewerID=ij.InterviewerID)
SELECT InterviewerID,InterviewerName, COUNT(InterviewID) AS
InterviewConducted
FROM TakesInvterview
WHERE InterviewerID=@InterviewerID
GROUP BY InterviewerID,InterviewerName
ORDER BY InterviewerID;
END
EXEC InterviewerTakesInvterview @InterviewerID=5;
```

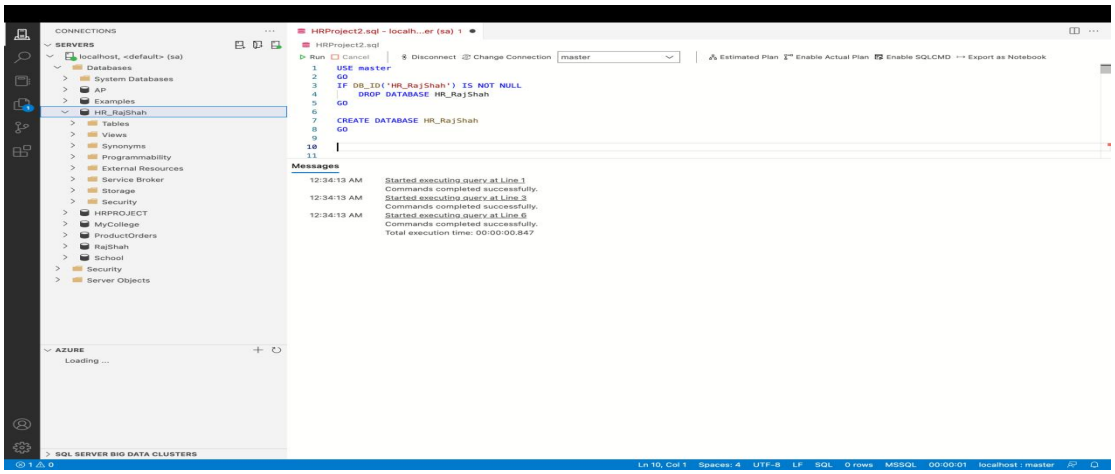

CONNECTIONS
SERVERS
Synonyms
Programmability
Stored Procedures
dbo.candidateEvaluation
Parameters
dbo.InterviewerTakesInvterview
dbo.OfferDecision
dbo.OfferDecision1
dbo.ReassignGrades
HR.InterviewerFeedbackOnInterview
HR.OfferDecision
HR.ReassignGrades
HR.StatusUpdate_Complaint
Functions
Database Triggers
Assemblies
Types
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
1114
1115 /* Count the number of interview a interviewer takes */
1116 CREATE PROCEDURE InterviewerTakesInvterview @InterviewerID INT
1117 AS
1118 BEGIN
1119 WITH TakesInvterview AS
1120 (SELECT i.InterviewerID as InterviewerID, concat(i.FirstName,' ',i.LastName) as InterviewerName,ij.InterviewID
1121 FROM HR.Interviewers i
1122 JOIN HR.InterviewFeedback ij
1123 ON i.InterviewerID=ij.InterviewerID
1124)
1125
1126 SELECT InterviewerID,InterviewerName, COUNT(InterviewID) AS InterviewConducted
1127 FROM TakesInvterview
1128 WHERE InterviewerID=@InterviewerID
1129 GROUP BY InterviewerID,InterviewerName
1130 ORDER BY InterviewerID;
1131 END
1132 EXEC InterviewerTakesInvterview @InterviewerID=5;
1133
1134
1135
1136
Results
Messages
InterviewerID
InterviewerName
InterviewConducted
1
5
Cristiano Repp
2
67 0
Ln 1135, Col 1
Spaces: 4
UTF-8
LF
SQL
1 rows
MSSQL
00:00:00
localhost : HR_RajShah

CONCLUSION

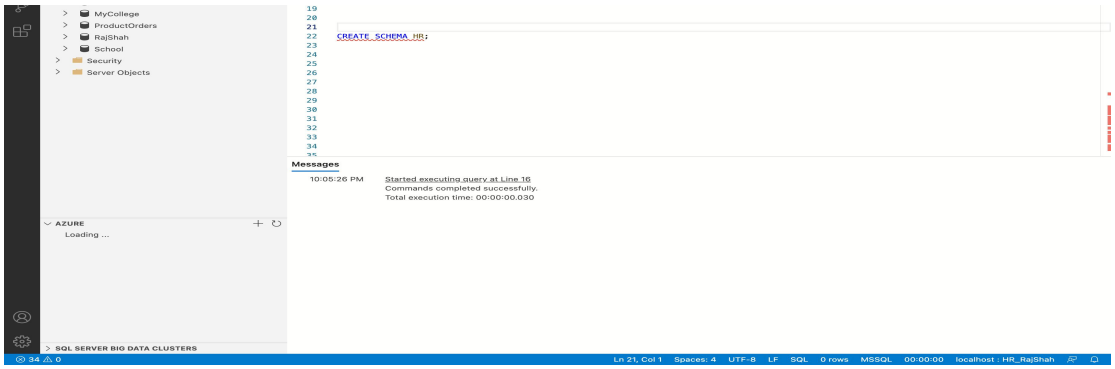
In this project, I have successful built a HR database for the recruitment procedure of the company. This project is under the direction of the company's HR Recruitment division. All of the tables necessary for the recruitment process have been created. Along with an ER Diagram that matches our database design, we have established tables for jobs, applications,interview,etc. Additionally, there exists adequate amount of information in each table. In addition, we've developed and tested the database with a number of queries such as Views, User Defined Functions, Stored Procedures, Scripts, Triggers, and Transactions. All the SQL codes as well as the associated screehshots are attached in the appendix**.**

APPENDIX

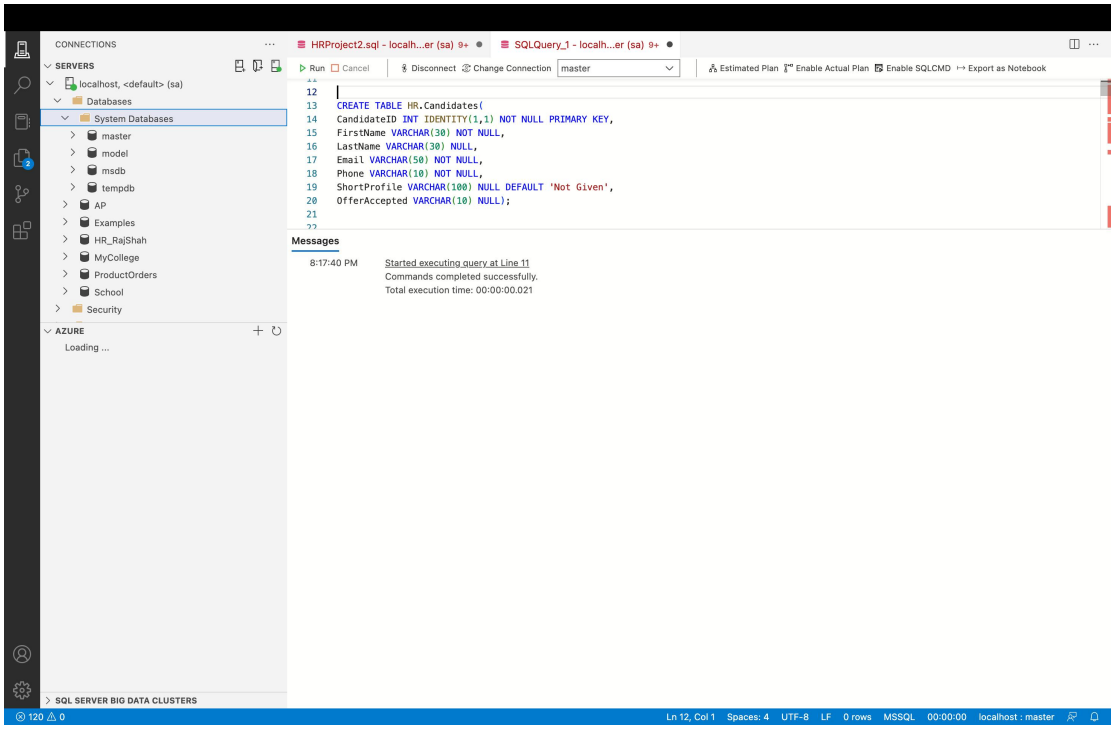
Creation of Database HR_RajShah

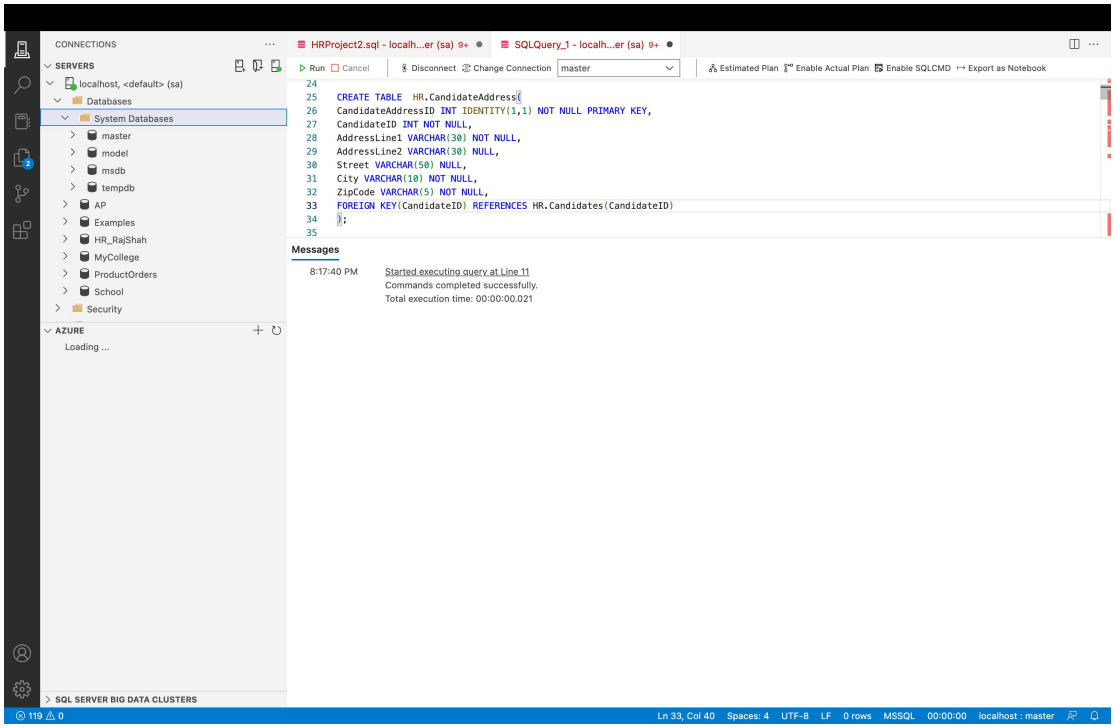


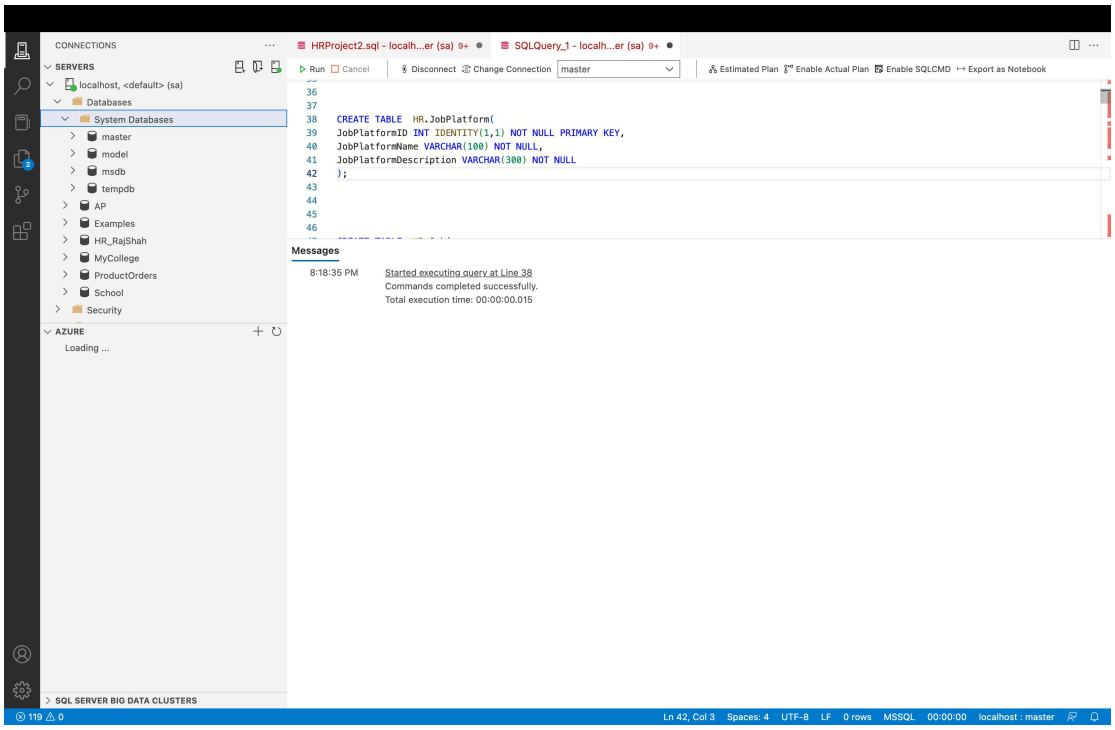
Creation of HR Schema:

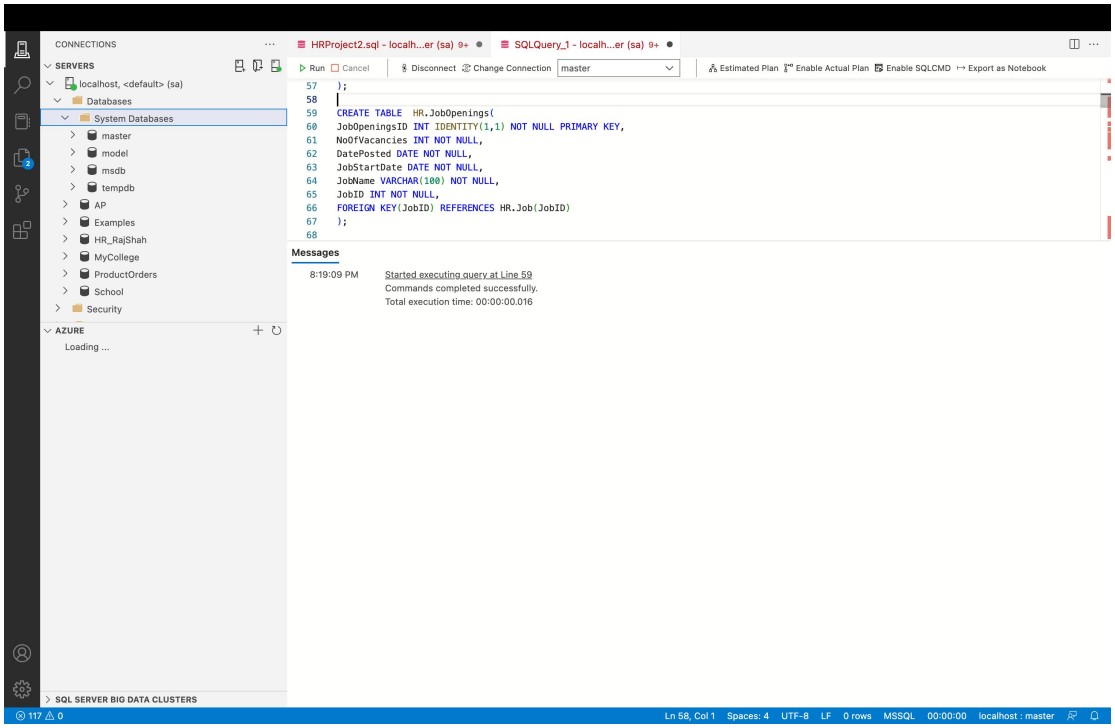


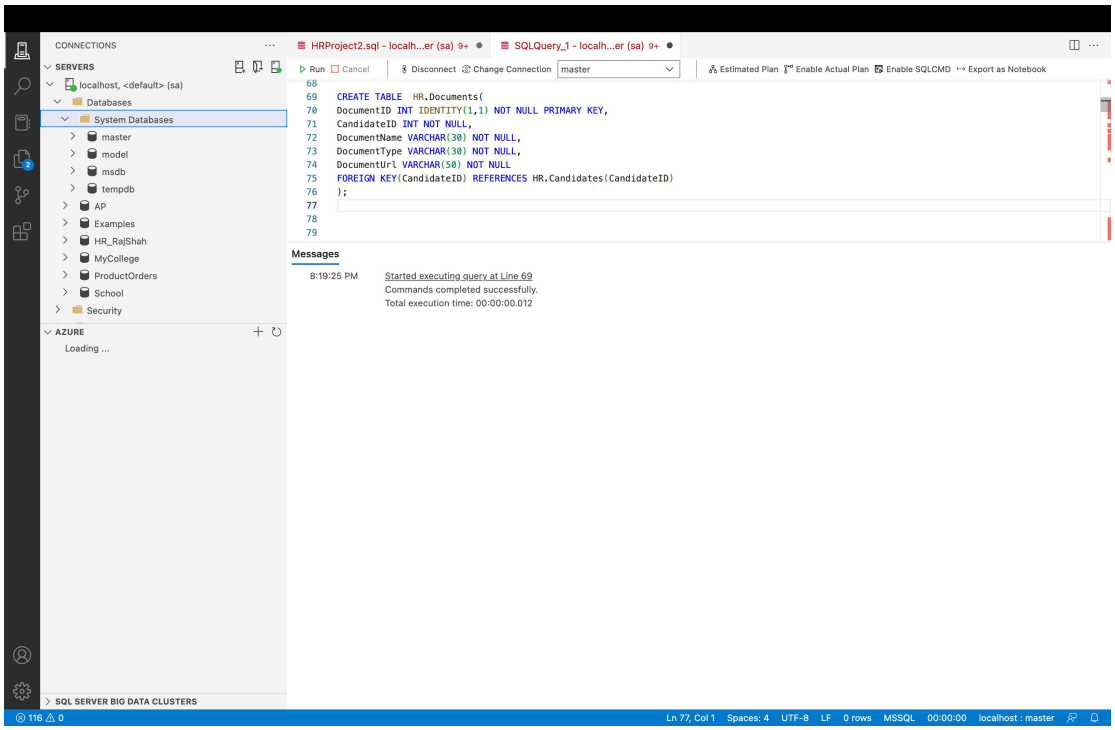
Screenshots for creation of all the tables




CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
master
model
msdb
tempdb
AP
Examples
HR_RajShah
MyCollege
ProductOrders
School
Security
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
24
25 CREATE TABLE HR.CandidateAddress(
26 CandidateAddressID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
27 CandidateID INT NOT NULL,
28 AddressLine1 VARCHAR(30) NOT NULL,
29 AddressLine2 VARCHAR(30) NULL,
30 Street VARCHAR(50) NULL,
31 City VARCHAR(10) NOT NULL,
32 ZipCode VARCHAR(5) NOT NULL,
33 FOREIGN KEY(CandidateID) REFERENCES HR.Candidates(CandidateID)
34);
35
Messages
8:17:40 PM
Started executing query at Line 11
Commands completed successfully.
Total execution time: 00:00:00.021
119 0
Ln 33, Col 40
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
master
model
msdb
tempdb
AP
Examples
HR_RajShah
MyCollege
ProductOrders
School
Security
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
36
37
38 CREATE TABLE HR.JobPlatform(
39 JobPlatformID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
40 JobPlatformName VARCHAR(100) NOT NULL,
41 JobPlatformDescription VARCHAR(300) NOT NULL
42);
43
44
45
46
Messages
8:18:35 PM
Started executing query at Line 38
Commands completed successfully.
Total execution time: 00:00:00.015
119 0
Ln 42, Col 3
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
master
model
msdb
tempdb
AP
Examples
HR_RajShah
MyCollege
ProductOrders
School
Security
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
57);
58
59 CREATE TABLE HR.JobOpenings(
60 JobOpeningsID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
61 NoOfVacancies INT NOT NULL,
62 DatePosted DATE NOT NULL,
63 JobStartDate DATE NOT NULL,
64 JobName VARCHAR(100) NOT NULL,
65 JobID INT NOT NULL,
66 FOREIGN KEY(JobID) REFERENCES HR.Job(JobID)
67);
68
Messages
8:19:09 PM
Started executing query at Line 59
Commands completed successfully.
Total execution time: 00:00:00.016
117 0
Ln 58, Col 1
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
master
model
msdb
tempdb
AP
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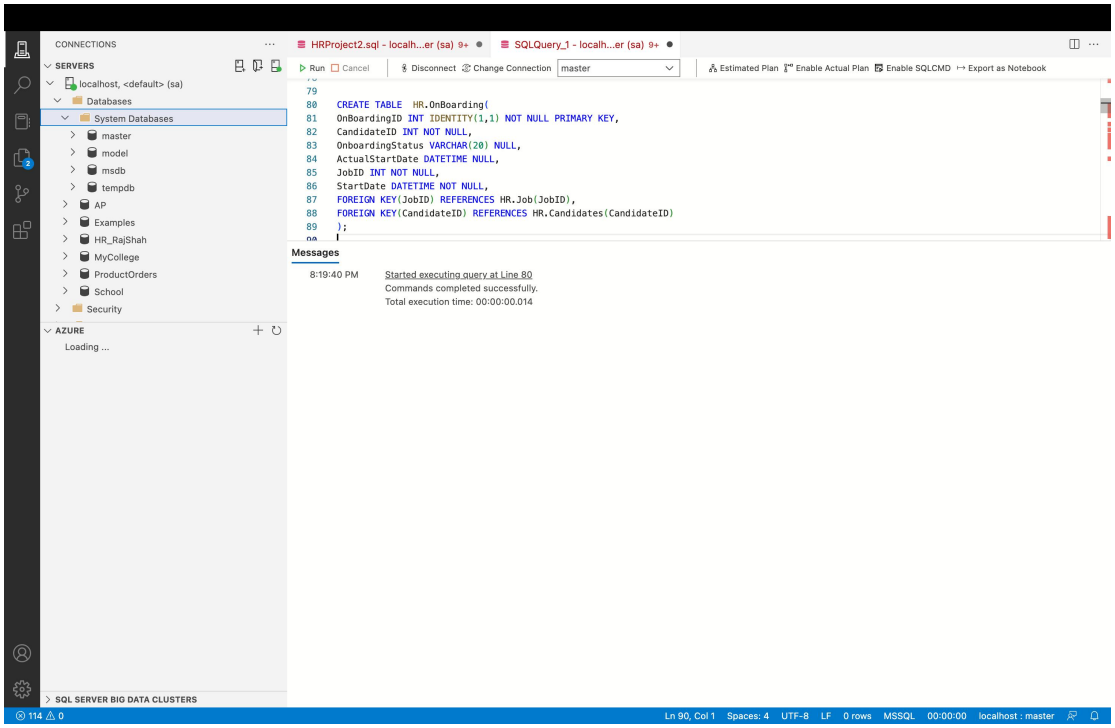
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
68
69 CREATE TABLE HR.Documents(
70 DocumentID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
71 CandidateID INT NOT NULL,
72 DocumentName VARCHAR(30) NOT NULL,
73 DocumentType VARCHAR(30) NOT NULL,
74 DocumentUrl VARCHAR(50) NOT NULL
75 FOREIGN KEY(CandidateID) REFERENCES HR.Candidates(CandidateID)
76);
77
78
79
Messages
8:19:25 PM
Started executing query at Line 69
Commands completed successfully.
Total execution time: 00:00:00.012
116 0
Ln 77, Col 1
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
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System Databases
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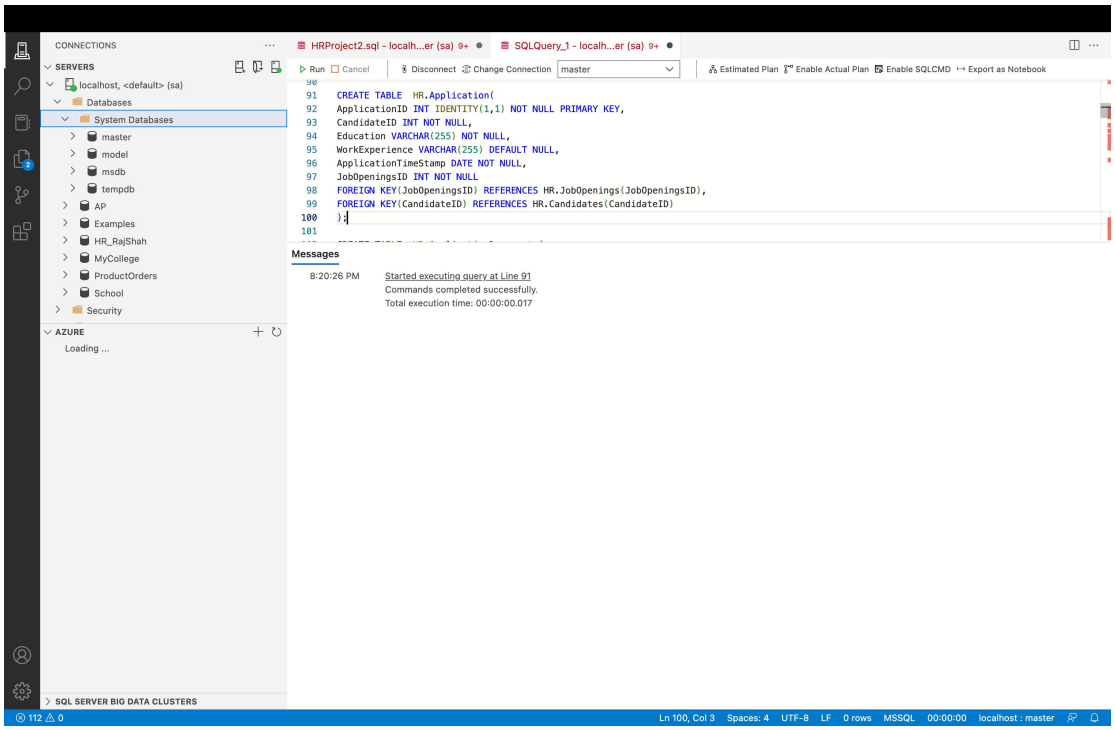
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
79
80 CREATE TABLE HR.OnBoarding(
81 OnBoardingID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
82 CandidateID INT NOT NULL,
83 OnboardingStatus VARCHAR(20) NULL,
84 ActualStartDate DATETIME NULL,
85 JobID INT NOT NULL,
86 StartDate DATETIME NOT NULL,
87 FOREIGN KEY(JobID) REFERENCES HR.Job(JobID),
88 FOREIGN KEY(CandidateID) REFERENCES HR.Candidates(CandidateID)
89);
Messages
8:19:40 PM
Started executing query at Line 80
Commands completed successfully.
Total execution time: 00:00:00.014
114 0
Ln 90, Col 1
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
master
model
msdb
tempdb
AP
Examples
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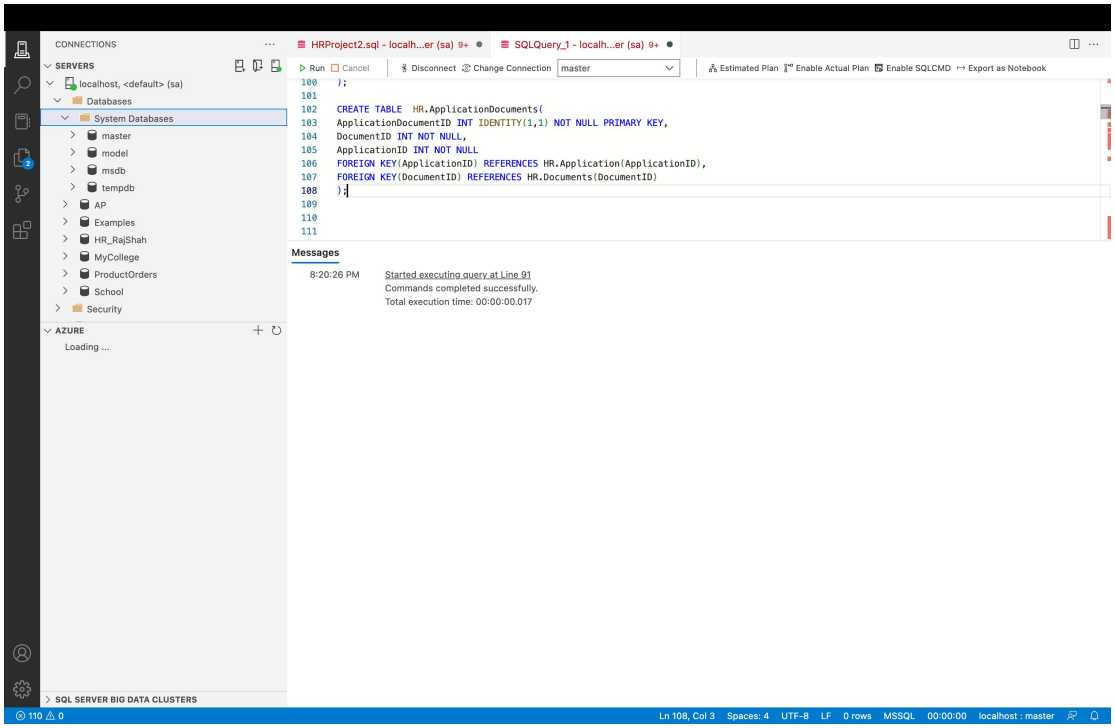
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
90
91 CREATE TABLE HR.Application(
92 ApplicationID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
93 CandidateID INT NOT NULL,
94 Education VARCHAR(255) NOT NULL,
95 WorkExperience VARCHAR(255) DEFAULT NULL,
96 ApplicationTimeStamp DATE NOT NULL,
97 JobOpeningsID INT NOT NULL
98 FOREIGN KEY(JobOpeningsID) REFERENCES HR.JobOpenings(JobOpeningsID),
99 FOREIGN KEY(CandidateID) REFERENCES HR.Candidates(CandidateID)
100);
101
Messages
8:20:26 PM
Started executing query at Line 91
Commands completed successfully.
Total execution time: 00:00:00.017
112 0
Ln 100, Col 3
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
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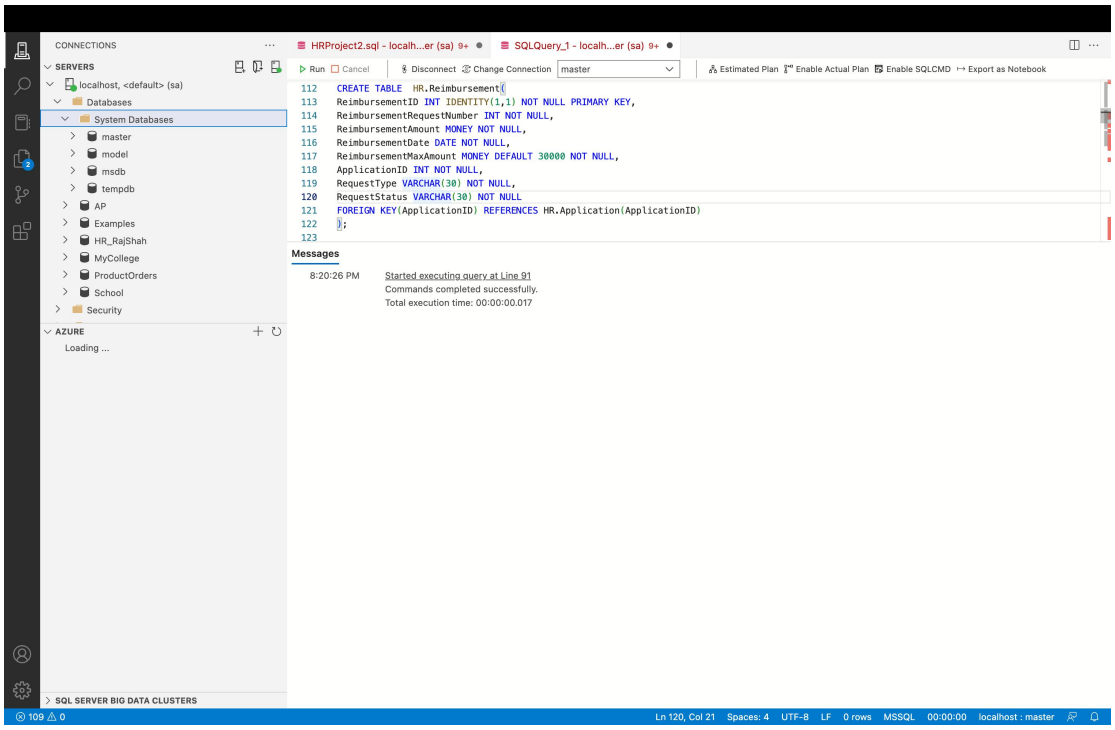
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
100);
101
102 CREATE TABLE HR.ApplicationDocuments(
103 ApplicationDocumentID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
104 DocumentID INT NOT NULL,
105 ApplicationID INT NOT NULL
106 FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID),
107 FOREIGN KEY(DocumentID) REFERENCES HR.Documents(DocumentID)
108);
109
110
111
Messages
8:20:26 PM Started executing query at Line 91
Commands completed successfully.
Total execution time: 00:00:00.017
110 0
Ln 108, Col 3 Spaces: 4 UTF-8 LF 0 rows MSSQL 00:00:00 localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
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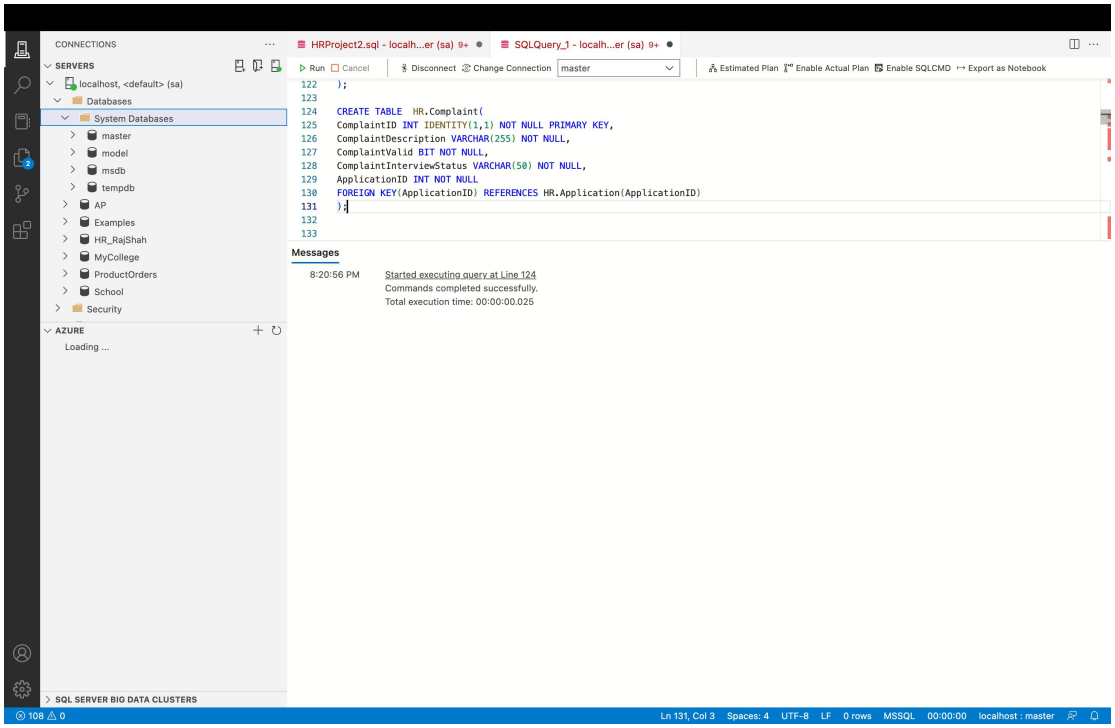
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
112 CREATE TABLE HR.Reimbursement(
113 ReimbursementID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
114 ReimbursementRequestNumber INT NOT NULL,
115 ReimbursementAmount MONEY NOT NULL,
116 ReimbursementDate DATE NOT NULL,
117 ReimbursementMaxAmount MONEY DEFAULT 30000 NOT NULL,
118 ApplicationID INT NOT NULL,
119 RequestType VARCHAR(30) NOT NULL,
120 RequestStatus VARCHAR(30) NOT NULL
121 FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID)
122);
123
Messages
8:20:26 PM Started executing query at Line 91
Commands completed successfully.
Total execution time: 00:00:00.017
109 0
Ln 120, Col 21 Spaces: 4 UTF-8 LF 0 rows MSSQL 00:00:00 localhost : master


CONNECTIONS
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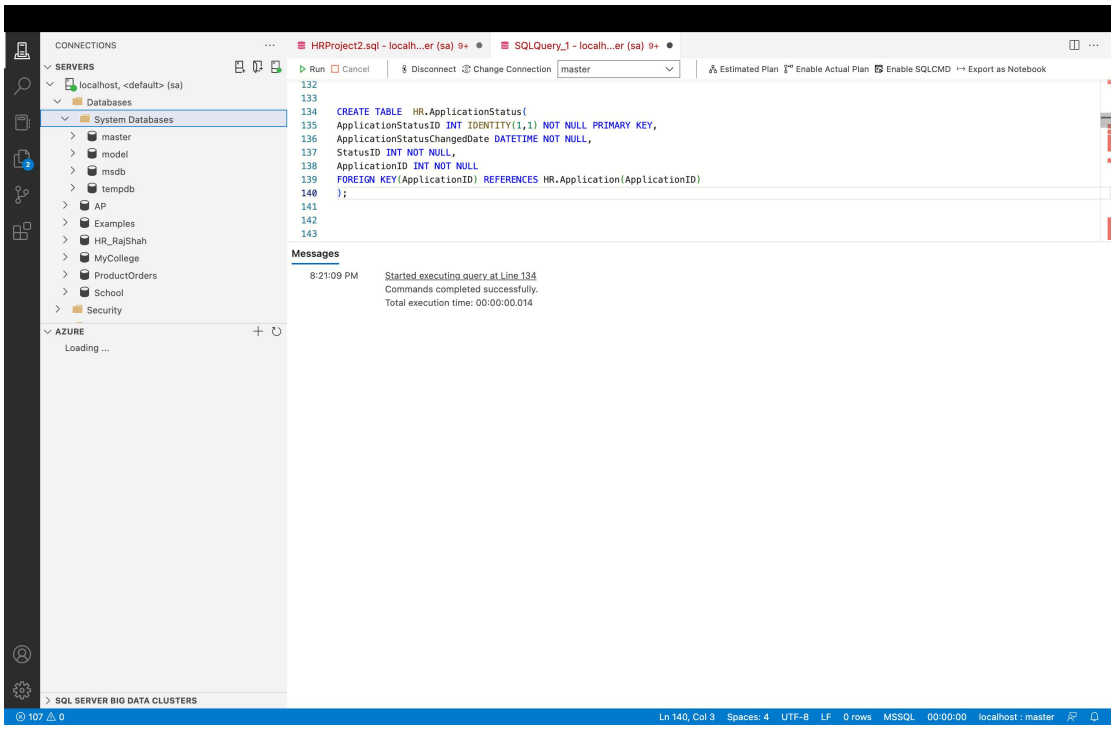
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
122);
123
124 CREATE TABLE HR.Complaint(
125 ComplaintID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
126 ComplaintDescription VARCHAR(255) NOT NULL,
127 ComplaintValid BIT NOT NULL,
128 ComplaintInterviewStatus VARCHAR(50) NOT NULL,
129 ApplicationID INT NOT NULL
130 FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID)
131);
132
133
Messages
8:20:56 PM Started executing query at Line 124
Commands completed successfully.
Total execution time: 00:00:00.025
108 0
Ln 131, Col 3 Spaces: 4 UTF-8 LF 0 rows MSSQL 00:00:00 localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
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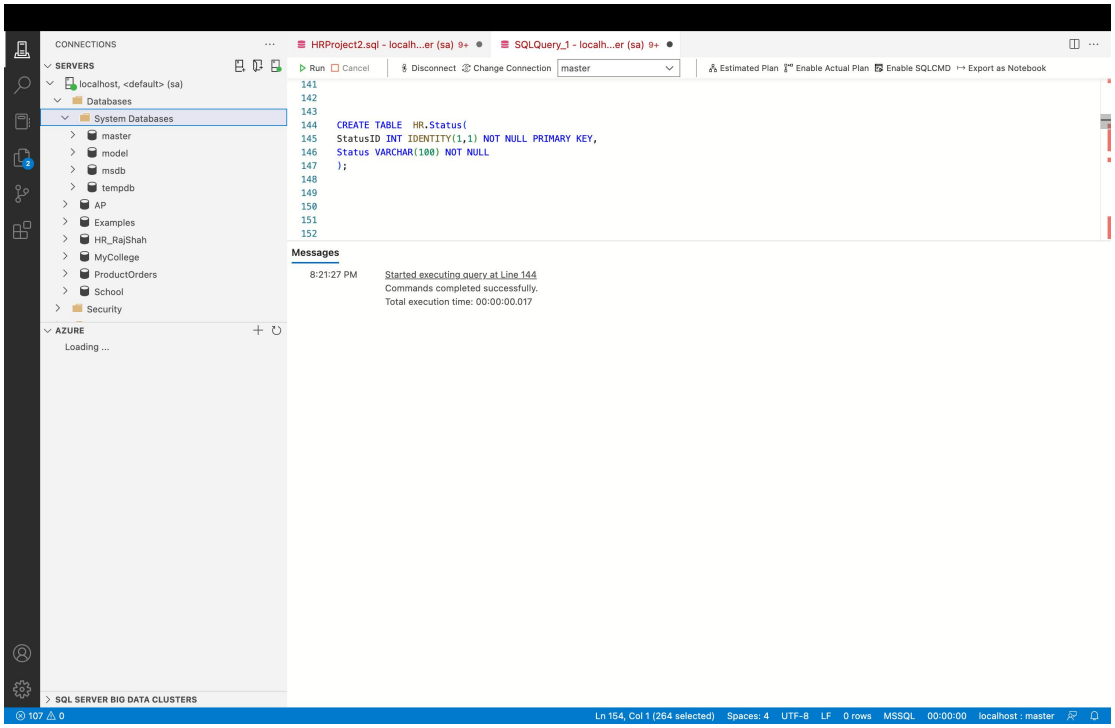
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
132
133
134 CREATE TABLE HR.ApplicationStatus(
135 ApplicationStatusID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
136 ApplicationStatusChangedDate DATETIME NOT NULL,
137 StatusID INT NOT NULL,
138 ApplicationID INT NOT NULL
139 FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID)
140);
141
142
143
Messages
8:21:09 PM Started executing query at Line 134
Commands completed successfully.
Total execution time: 00:00:00.014
107 0
Ln 140, Col 3 Spaces: 4 UTF-8 LF 0 rows MSSQL 00:00:00 localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
master
model
msdb
tempdb
AP
Examples
HR_RajShah
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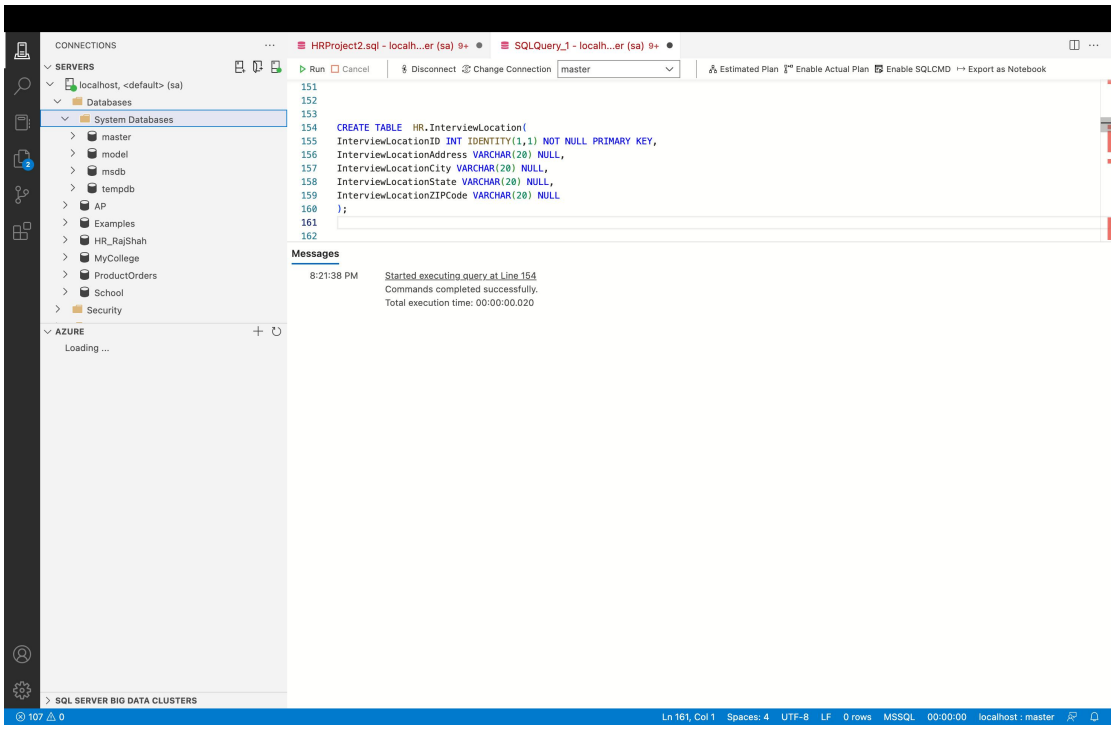
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
141
142
143
144 CREATE TABLE HR.Status(
145 StatusID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
146 Status VARCHAR(100) NOT NULL
147);
148
149
150
151
152
Messages
8:21:27 PM
Started executing query at Line 144
Commands completed successfully.
Total execution time: 00:00:00.017
107 0
Ln 154, Col 1 (264 selected)
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
master
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msdb
tempdb
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Examples
HR_RajShah
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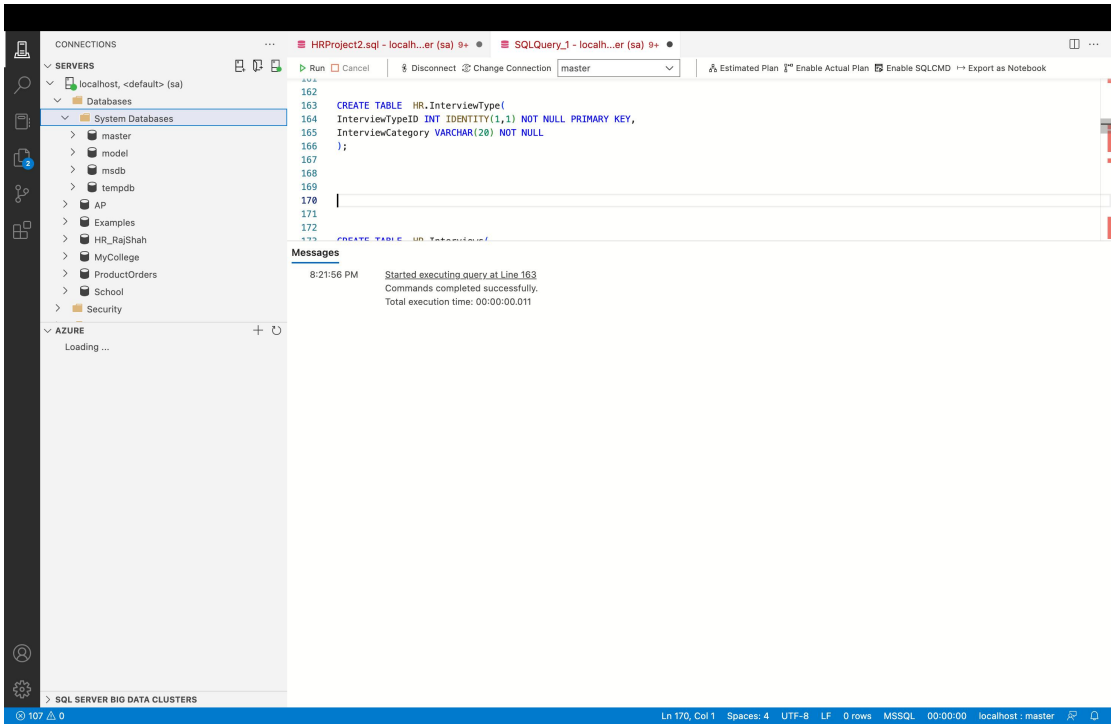
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
151
152
153
154 CREATE TABLE HR.InterviewLocation(
155 InterviewLocationID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
156 InterviewLocationAddress VARCHAR(20) NULL,
157 InterviewLocationCity VARCHAR(20) NULL,
158 InterviewLocationState VARCHAR(20) NULL,
159 InterviewLocationZIPCode VARCHAR(20) NULL
160);
161
162
Messages
8:21:38 PM
Started executing query at Line 154
Commands completed successfully.
Total execution time: 00:00:00.020
107 0
Ln 161, Col 1
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
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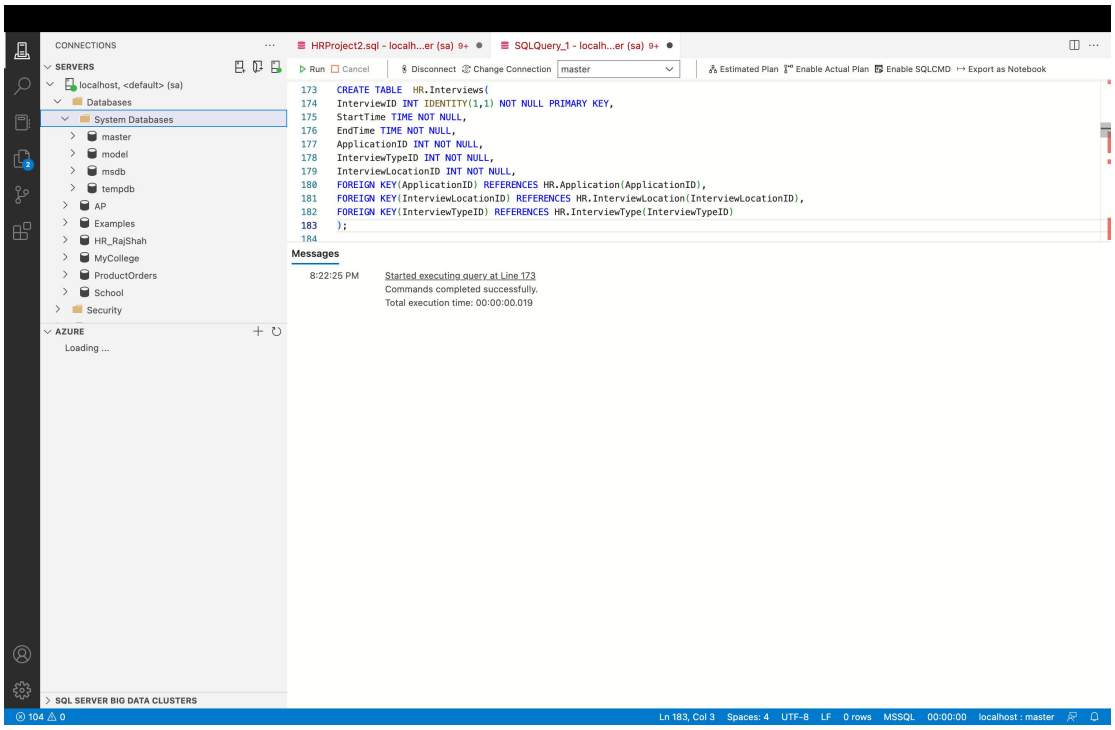
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa)
SQLQuery_1 - localh...er (sa)
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
162
163 CREATE TABLE HR.InterviewType(
164 InterviewTypeID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
165 InterviewCategory VARCHAR(20) NOT NULL
166);
167
168
169
170
171
172
Messages
8:21:56 PM
Started executing query at Line 163
Commands completed successfully.
Total execution time: 00:00:00.011
Ln 170, Col 1
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
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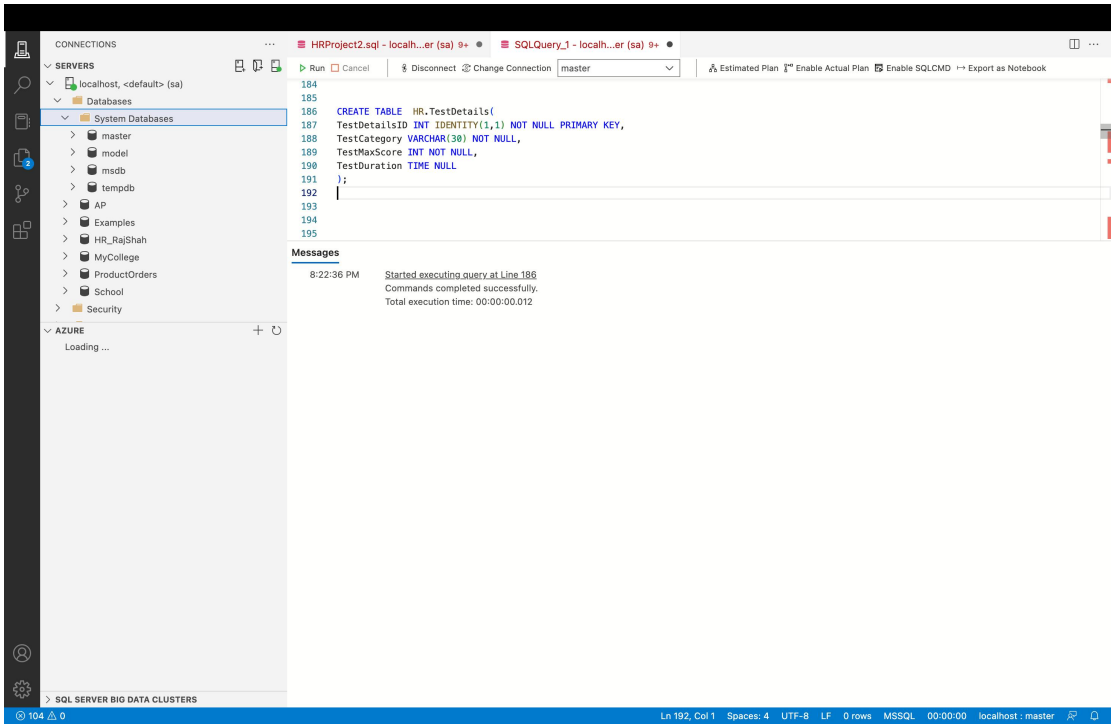
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa)
SQLQuery_1 - localh...er (sa)
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
173 CREATE TABLE HR.Interviews(
174 InterviewID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
175 StartTime TIME NOT NULL,
176 EndTime TIME NOT NULL,
177 ApplicationID INT NOT NULL,
178 InterviewTypeID INT NOT NULL,
179 InterviewLocationID INT NOT NULL,
180 FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID),
181 FOREIGN KEY(InterviewLocationID) REFERENCES HR.InterviewLocation(InterviewLocationID),
182 FOREIGN KEY(InterviewTypeID) REFERENCES HR.InterviewType(InterviewTypeID)
183);
184
Messages
8:22:25 PM
Started executing query at Line 173
Commands completed successfully.
Total execution time: 00:00:00.019
Ln 183, Col 3
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master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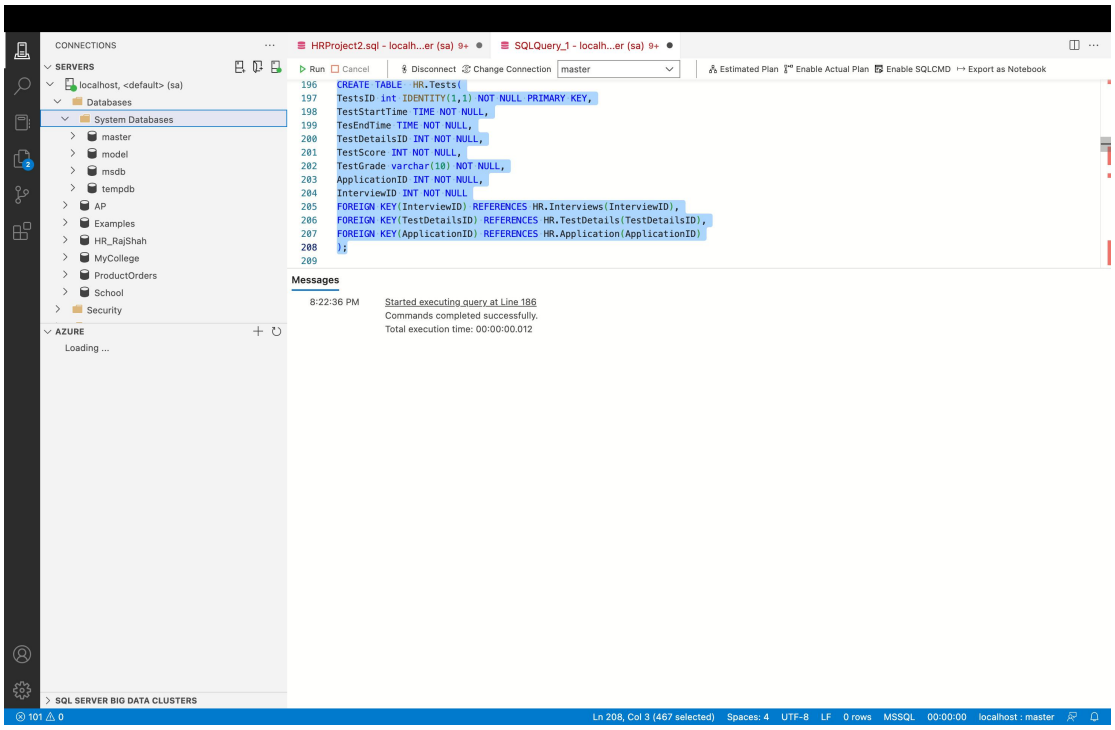
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
184
185
186 CREATE TABLE HR.TestDetails(
187 TestDetailsID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
188 TestCategory VARCHAR(30) NOT NULL,
189 TestMaxScore INT NOT NULL,
190 TestDuration TIME NULL
191);
192
193
194
195
Messages
8:22:36 PM
Started executing query at Line 186
Commands completed successfully.
Total execution time: 00:00:00.012
104 0
Ln 192, Col 1
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
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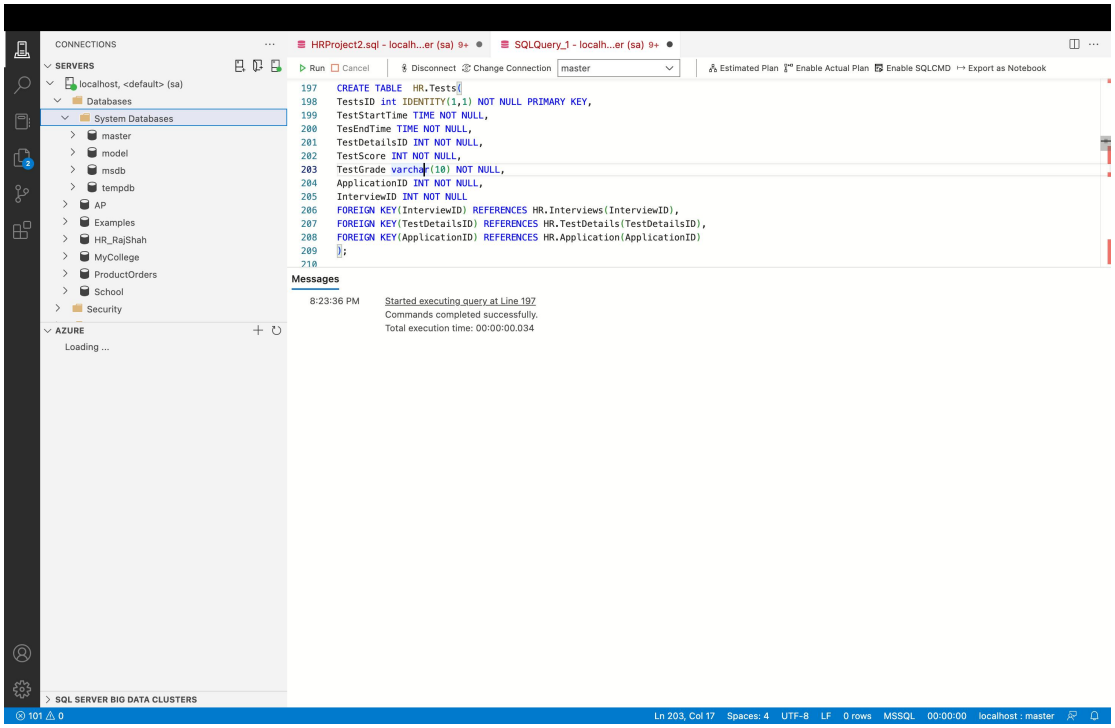
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
196 CREATE TABLE HR.Tests(
197 TestsID int IDENTITY(1,1) NOT NULL PRIMARY KEY,
198 TestStartTime TIME NOT NULL,
199 TestEndTime TIME NOT NULL,
200 TestDetailsID INT NOT NULL,
201 TestScore INT NOT NULL,
202 TestGrade varchar(10) NOT NULL,
203 ApplicationID INT NOT NULL,
204 InterviewID INT NOT NULL
205 FOREIGN KEY(InterviewID) REFERENCES HR.Interviews(InterviewID),
206 FOREIGN KEY(TestDetailsID) REFERENCES HR.TestDetails(TestDetailsID),
207 FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID)
208);
209
Messages
8:22:36 PM
Started executing query at Line 186
Commands completed successfully.
Total execution time: 00:00:00.012
101 0
Ln 208, Col 3 (467 selected)
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master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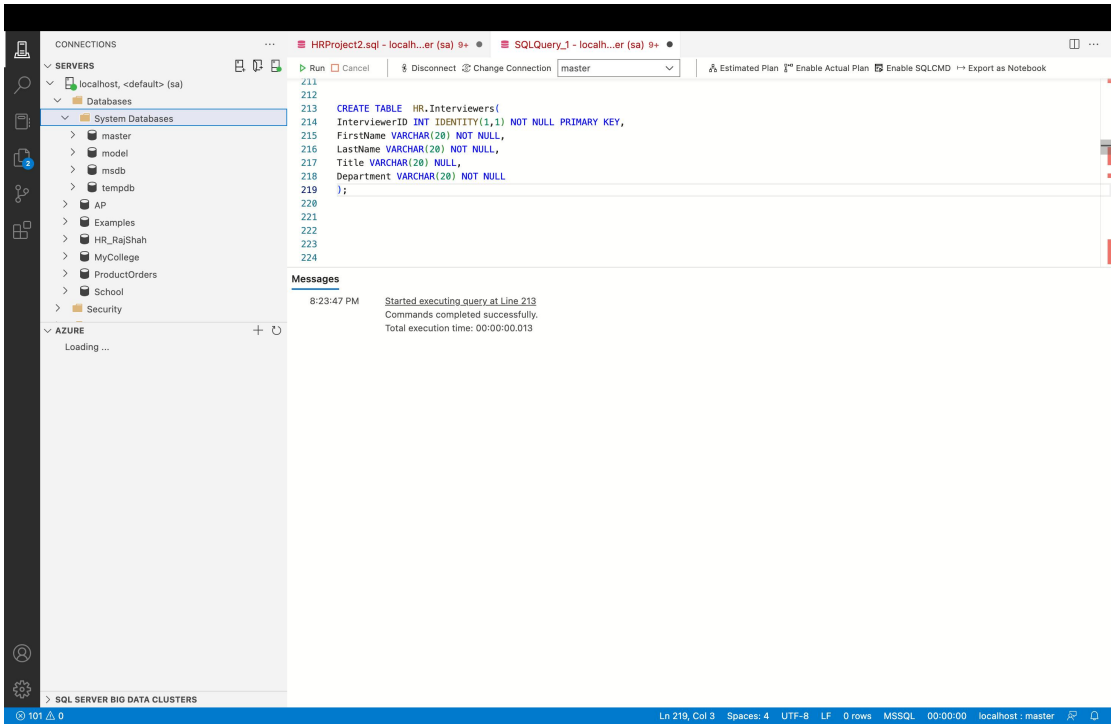
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
197 CREATE TABLE HR.Tests(
198 TestsID int IDENTITY(1,1) NOT NULL PRIMARY KEY,
199 TestStartTime TIME NOT NULL,
200 TesEndTime TIME NOT NULL,
201 TestDetailsID INT NOT NULL,
202 TestScore INT NOT NULL,
203 TestGrade varchar(10) NOT NULL,
204 ApplicationID INT NOT NULL,
205 InterviewID INT NOT NULL
206 FOREIGN KEY(InterviewID) REFERENCES HR.Interviews(InterviewID),
207 FOREIGN KEY(TestDetailsID) REFERENCES HR.TestDetails(TestDetailsID),
208 FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID)
209);
210
Messages
8:23:36 PM
Started executing query at Line 197
Commands completed successfully.
Total execution time: 00:00:00.034
101 0
Ln 203, Col 17
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master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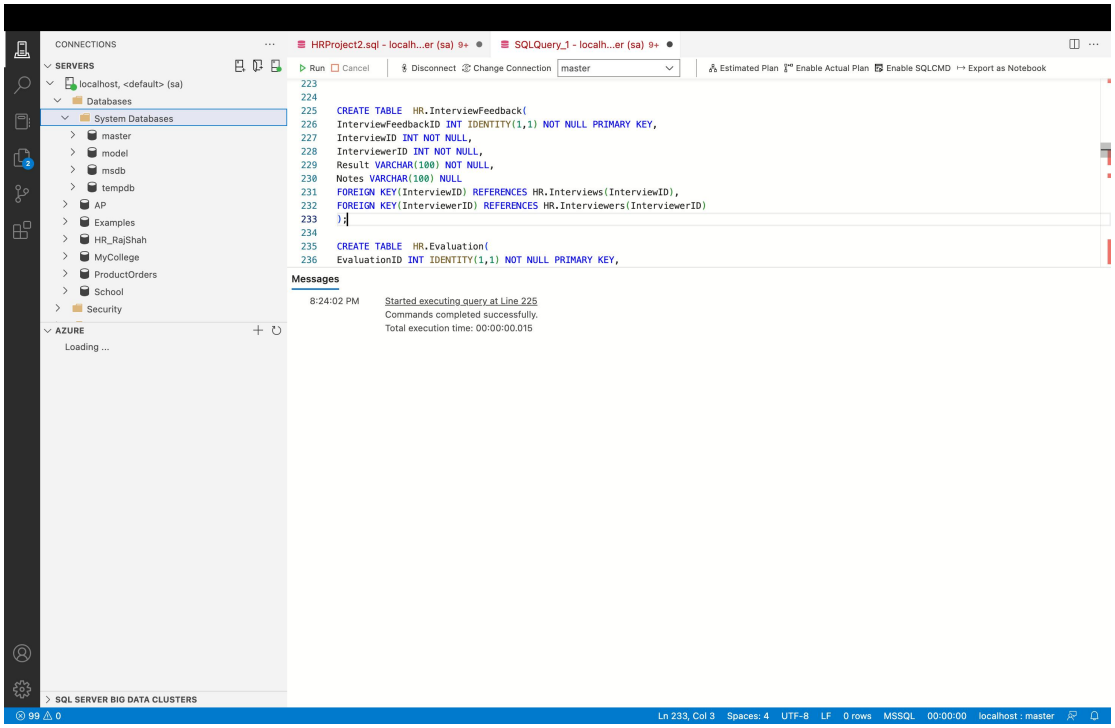
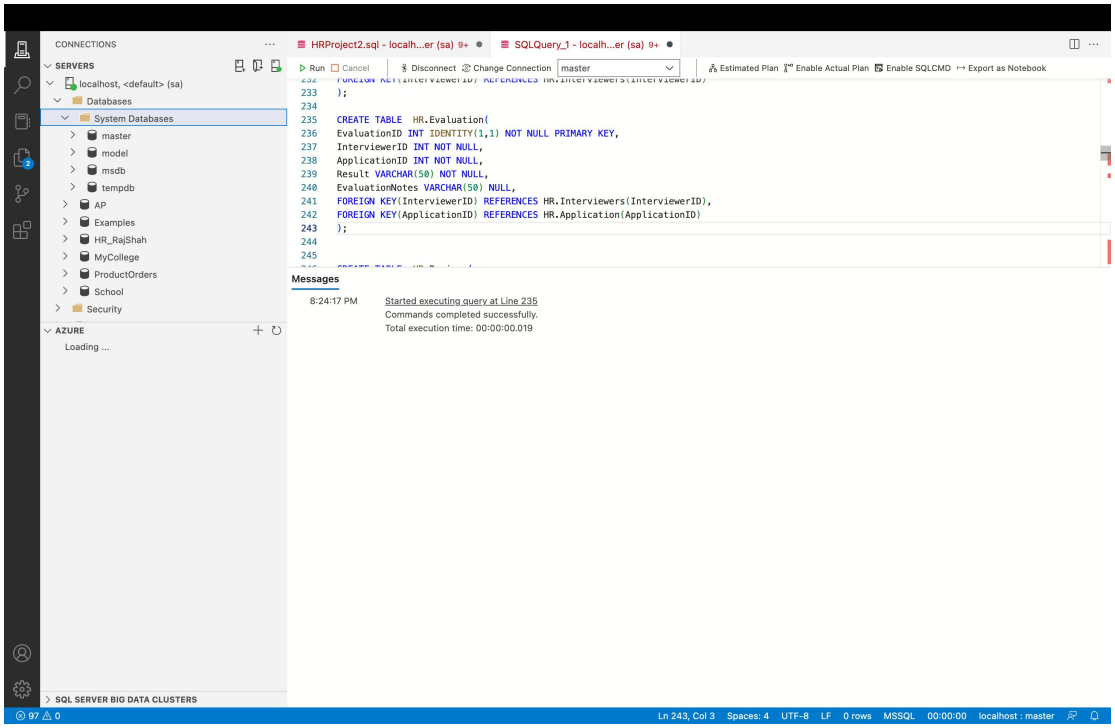
Security
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
211
212
213 CREATE TABLE HR.Interviewers(
214 InterviewerID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
215 FirstName VARCHAR(20) NOT NULL,
216 LastName VARCHAR(20) NOT NULL,
217 Title VARCHAR(20) NULL,
218 Department VARCHAR(20) NOT NULL
219);
220
221
222
223
224
Messages
8:23:47 PM
Started executing query at Line 213
Commands completed successfully.
Total execution time: 00:00:00.013
101 0
Ln 219, Col 3
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
master
model
msdb
tempdb
AP
Examples
HR_RajShah
MyCollege
ProductOrders
School
Security
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
223
224
225 CREATE TABLE HR.InterviewFeedback(
226 InterviewFeedbackID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
227 InterviewID INT NOT NULL,
228 InterviewerID INT NOT NULL,
229 Result VARCHAR(100) NOT NULL,
230 Notes VARCHAR(100) NULL
231 FOREIGN KEY(InterviewID) REFERENCES HR.Interviews(InterviewID),
232 FOREIGN KEY(InterviewerID) REFERENCES HR.Interviewers(InterviewerID)
233);
234
235 CREATE TABLE HR.Evaluation(
236 EvaluationID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
Messages
8:24:02 PM
Started executing query at Line 225
Commands completed successfully.
Total execution time: 00:00:00.015
99 0
Ln 233, Col 3
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master


CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
master
model
msdb
tempdb
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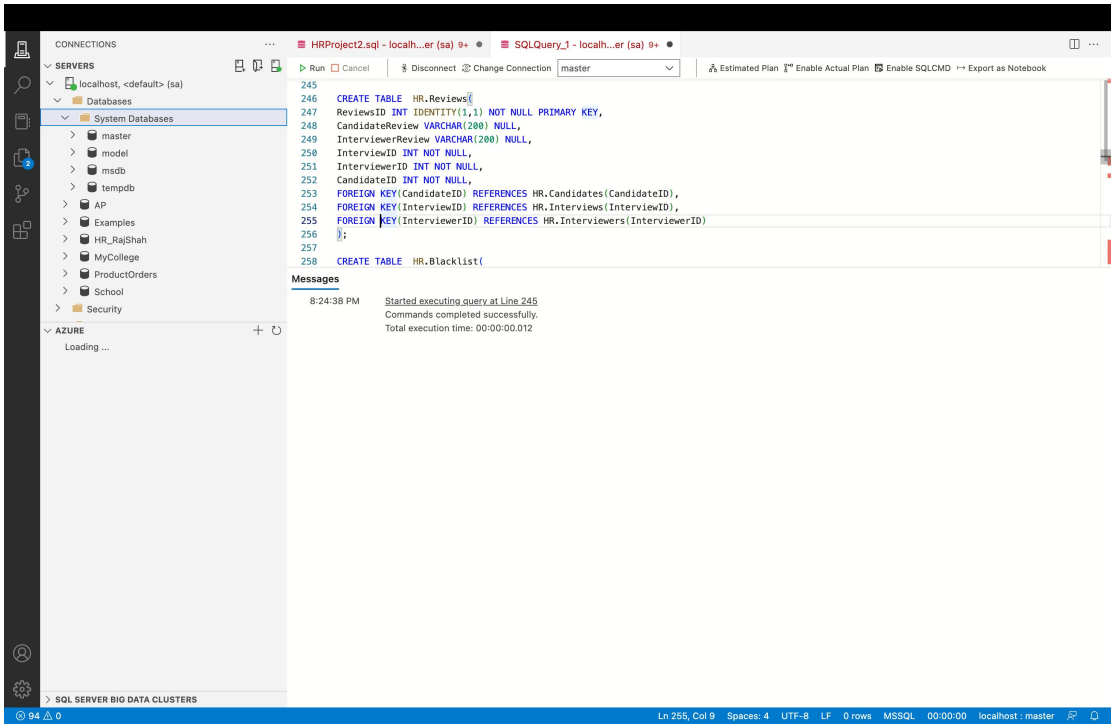
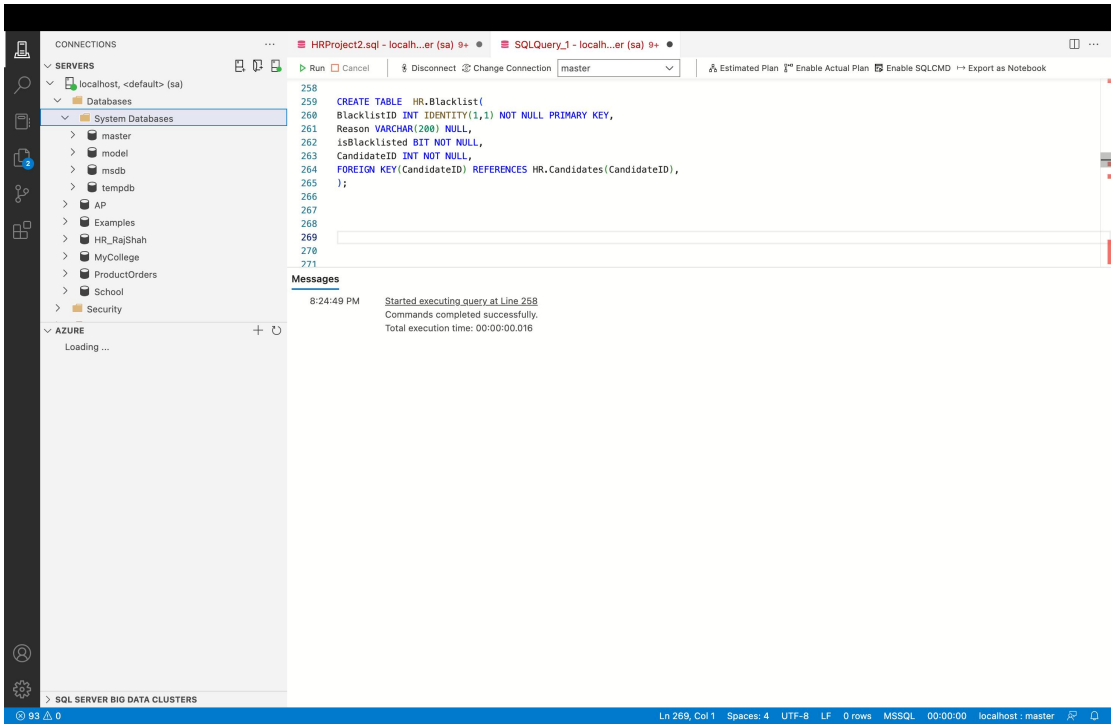
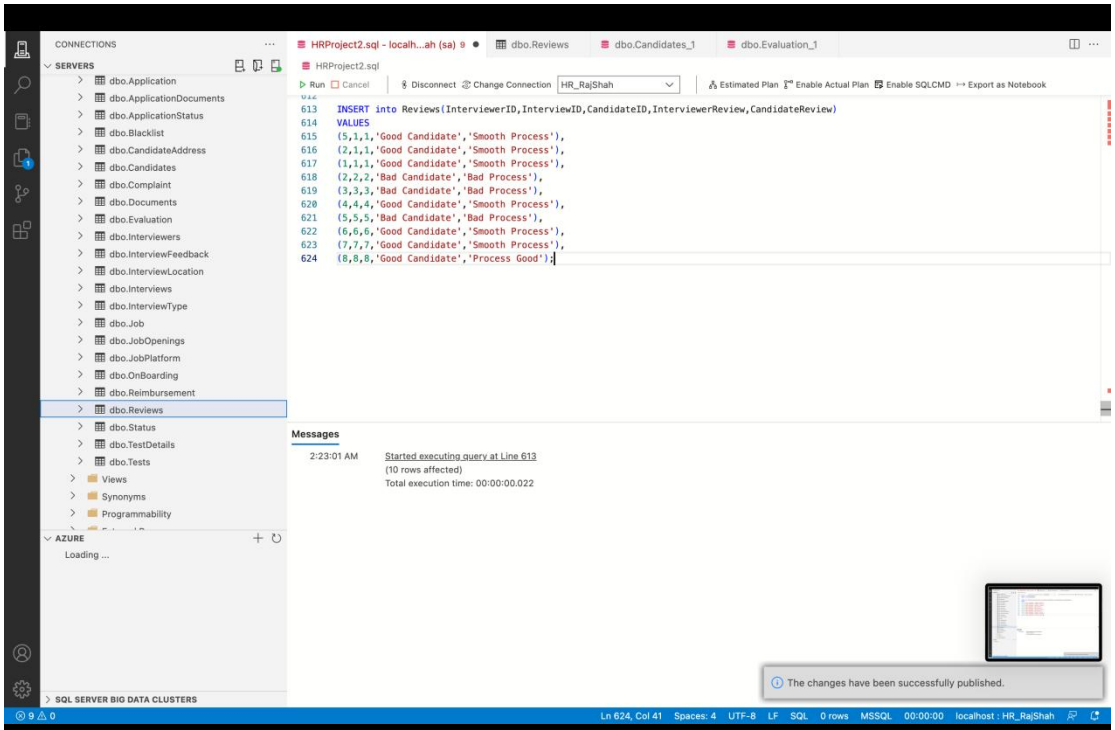
Examples
HR_RajShah
MyCollege
ProductOrders
School
Security
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...er (sa) 9+
SQLQuery_1 - localh...er (sa) 9+
Run
Cancel
Disconnect
Change Connection
master
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
233);
234
235 CREATE TABLE HR.Evaluation(
236 EvaluationID INT IDENTITY(1,1) NOT NULL PRIMARY KEY,
237 InterviewerID INT NOT NULL,
238 ApplicationID INT NOT NULL,
239 Result VARCHAR(50) NOT NULL,
240 EvaluationNotes VARCHAR(50) NULL,
241 FOREIGN KEY(InterviewerID) REFERENCES HR.Interviewers(InterviewerID),
242 FOREIGN KEY(ApplicationID) REFERENCES HR.Application(ApplicationID)
243);
244
245
Messages
8:24:17 PM
Started executing query at Line 235
Commands completed successfully.
Total execution time: 00:00:00.019
97 0
Ln 243, Col 3
Spaces: 4
UTF-8
LF
0 rows
MSSQL
00:00:00
localhost : master





Screenshots for inerstion of data in the tables


CONNECTIONS
SERVERS
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
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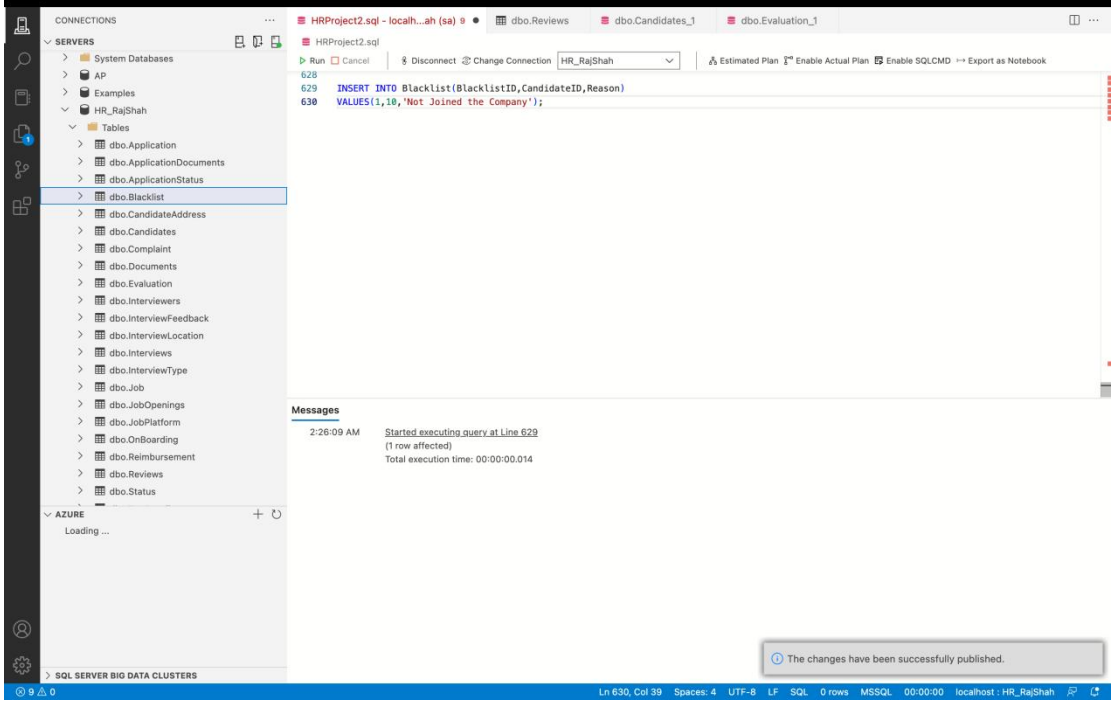
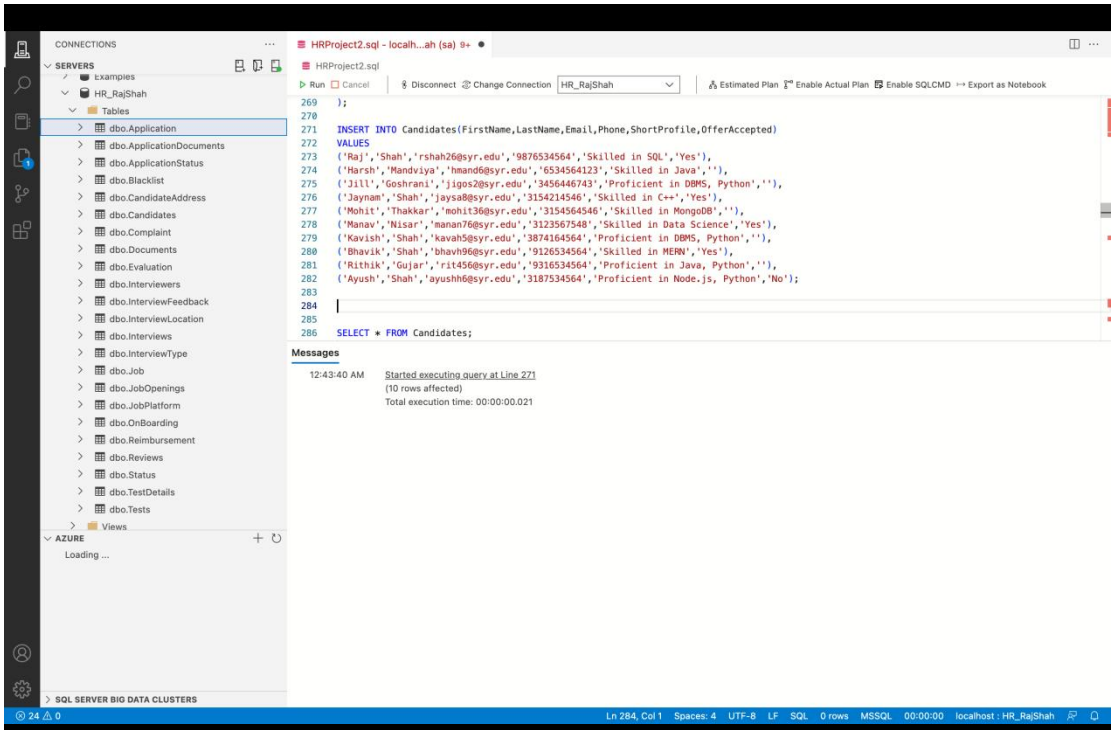
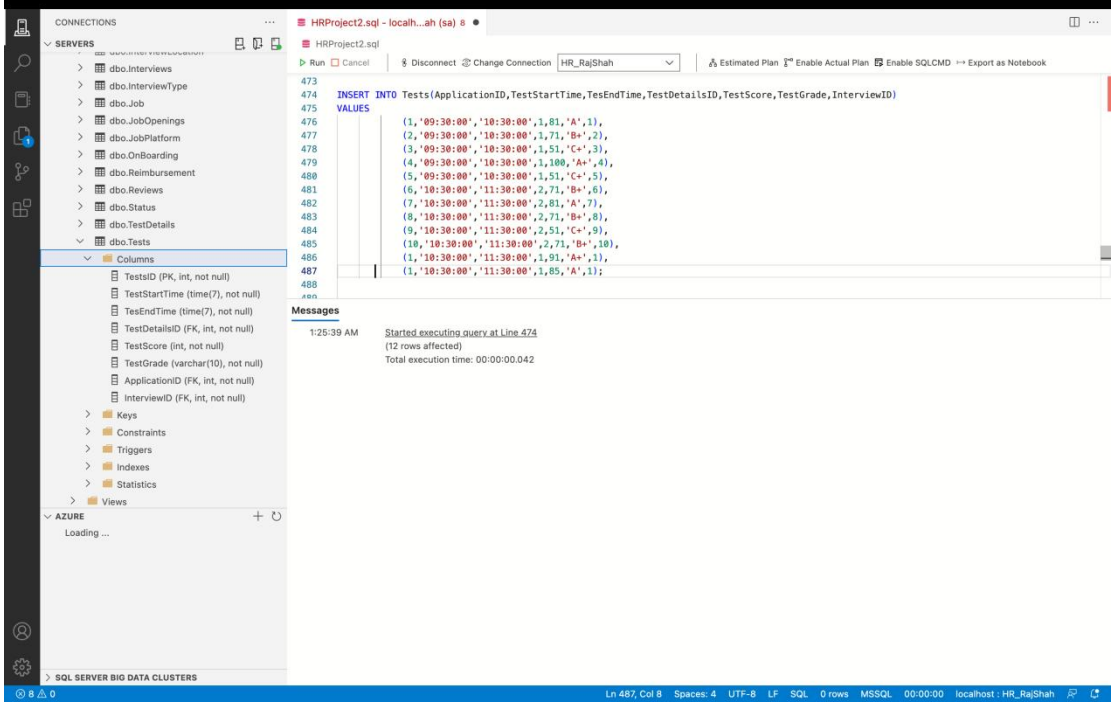
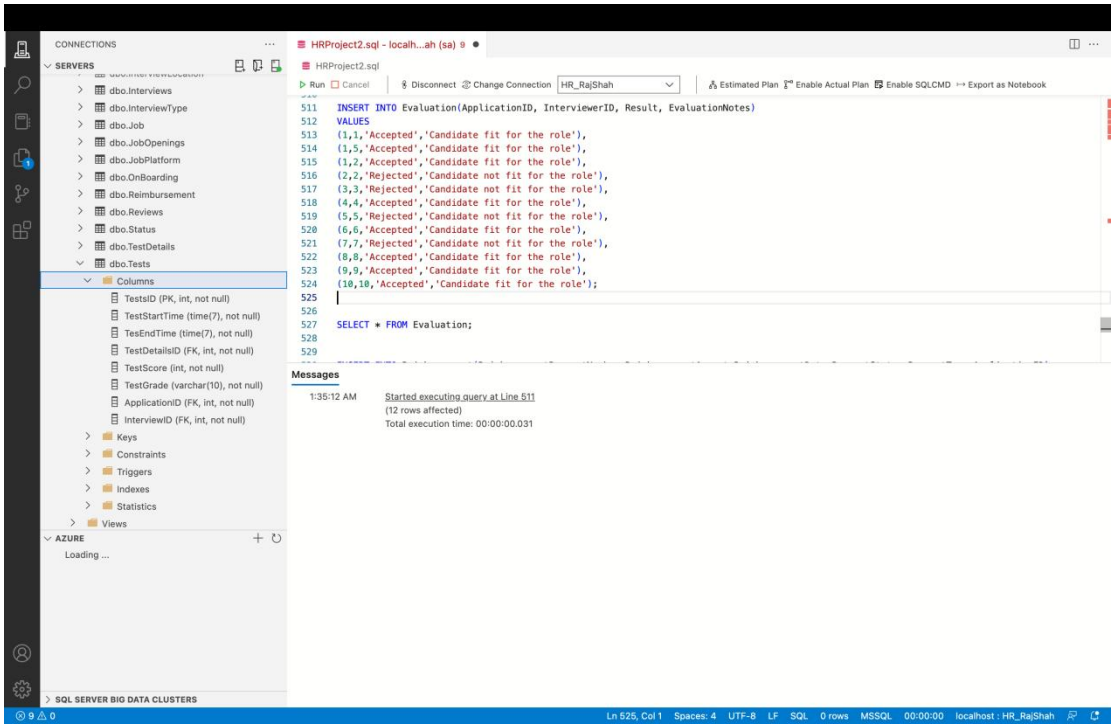
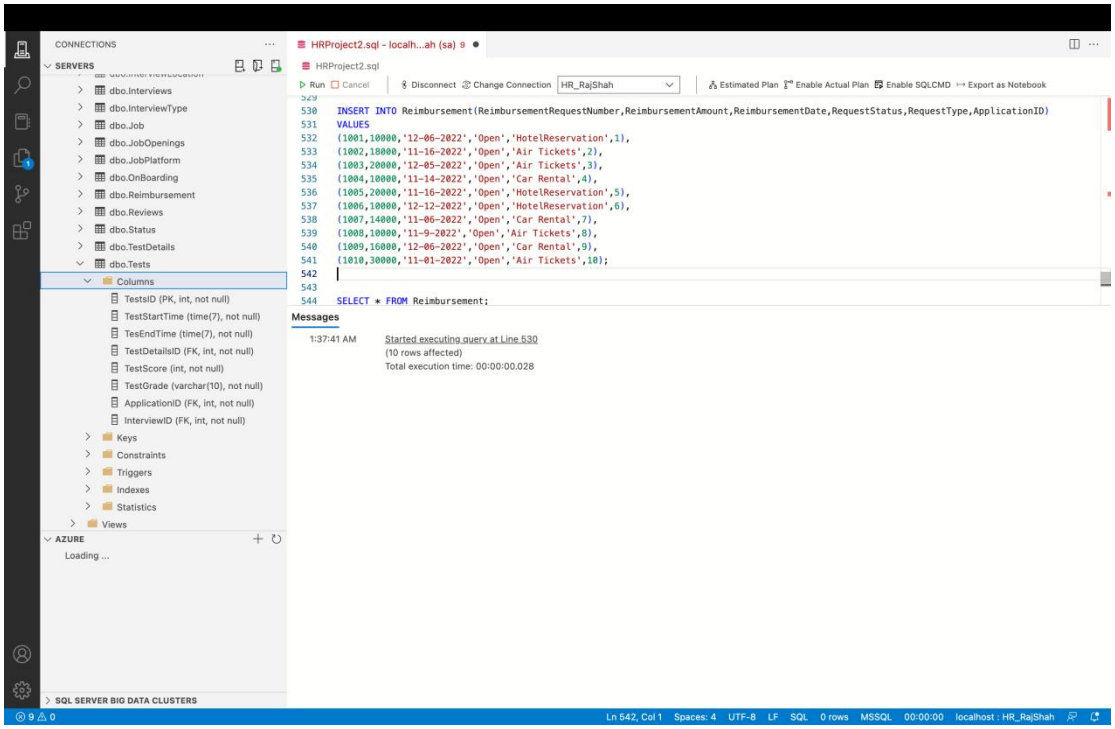
Synonyms
Programmability
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa)
dbo.Reviews
dbo.Candidates_1
dbo.Evaluation_1
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
613 INSERT into Reviews(InterviewerID,InterviewID,CandidateID,InterviewerReview,CandidateReview)
614 VALUES
615 (5,1,1,'Good Candidate','Smooth Process'),
616 (2,1,1,'Good Candidate','Smooth Process'),
617 (1,1,1,'Good Candidate','Smooth Process'),
618 (2,2,2,'Bad Candidate','Bad Process'),
619 (3,3,3,'Bad Candidate','Bad Process'),
620 (4,4,4,'Good Candidate','Smooth Process'),
621 (5,5,5,'Bad Candidate','Bad Process'),
622 (6,6,6,'Good Candidate','Smooth Process'),
623 (7,7,7,'Good Candidate','Smooth Process'),
624 (8,8,8,'Good Candidate','Process Good');
Messages
2:23:01 AM
Started executing query at Line 613
(10 rows affected)
Total execution time: 00:00:00.022
The changes have been successfully published.
Ln 624, Col 41 Spaces: 4 UTF-8 LF SQL 0 rows MSSQL 00:00:00 localhost : HR_RajShah

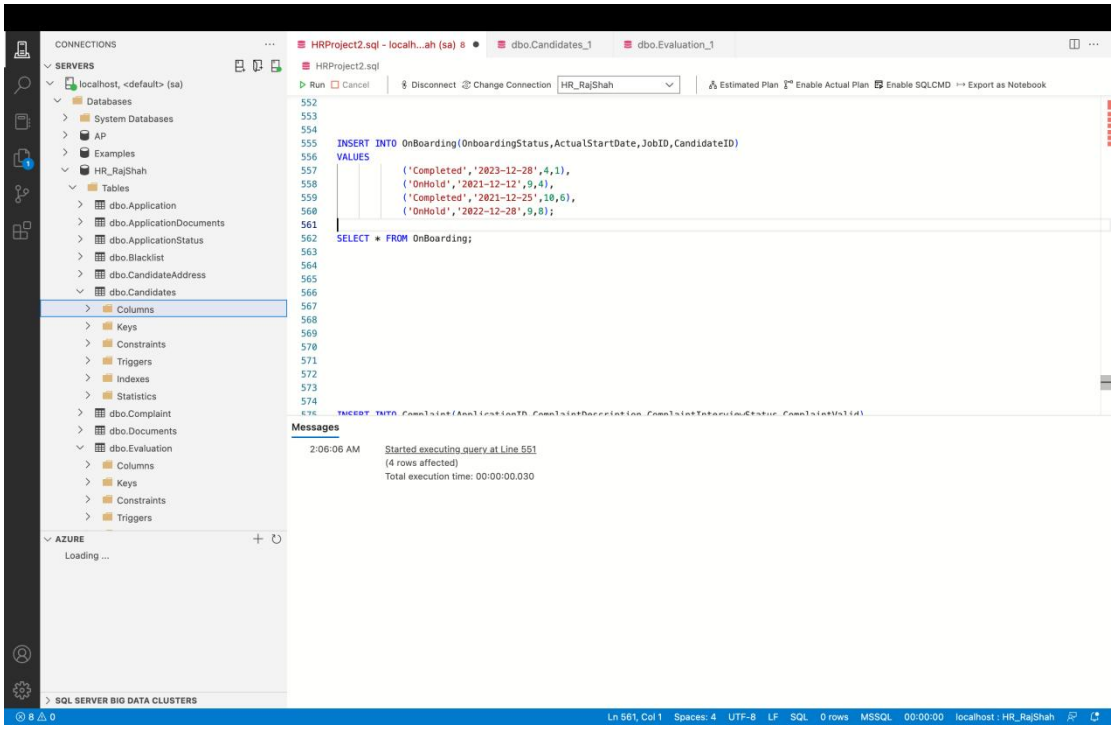

CONNECTIONS
SERVERS
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa)
dbo.Reviews
dbo.Candidates_1
dbo.Evaluation_1
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
628
629 INSERT INTO Blacklist(BlacklistID,CandidateID,Reason)
630 VALUES(1,10,'Not Joined the Company');
Messages
2:26:09 AM
Started executing query at Line 629
(1 row affected)
Total execution time: 00:00:00.014
The changes have been successfully published.
Ln 630, Col 39 Spaces: 4 UTF-8 LF SQL 0 rows MSSQL 00:00:00 localhost : HR_RajShah

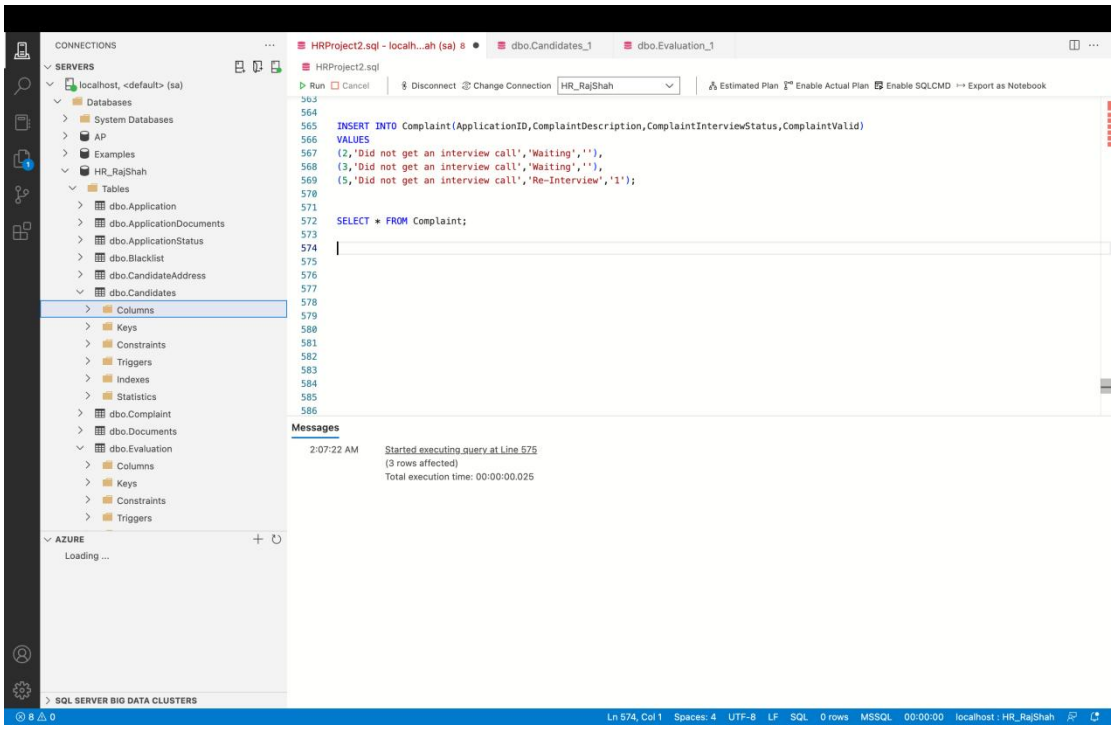

CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
269);
270
271 INSERT INTO Candidates(FirstName,LastName,Email,Phone,ShortProfile,OfferAccepted)
272 VALUES
273 ('Raj','Shah','rshah26@syr.edu','9876534564','Skilled in SQL','Yes'),
274 ('Harsh','Mandviya','hmand6@syr.edu','6534564123','Skilled in Java',''),
275 ('Jill','Goshrani','jigos2@syr.edu','3456446743','Proficient in DBMS, Python',''),
276 ('Jaynam','Shah','jaysa8@syr.edu','3154214546','Skilled in C++','Yes'),
277 ('Mohit','Thakkar','mohit36@syr.edu','3154564546','Skilled in MongoDB',''),
278 ('Manav','Nisar','manan76@syr.edu','3123567548','Skilled in Data Science','Yes'),
279 ('Kavish','Shah','kavah5@syr.edu','3874164564','Proficient in DBMS, Python',''),
280 ('Bhavik','Shah','bhavh96@syr.edu','9126534564','Skilled in MERN','Yes'),
281 ('Rithik','Gujar','rit456@syr.edu','9316534564','Proficient in Java, Python',''),
282 ('Ayush','Shah','ayushh6@syr.edu','3187534564','Proficient in Node.js, Python','No');
283
284
285
286 SELECT * FROM Candidates;
Messages
12:43:40 AM Started executing query at Line 271
(10 rows affected)
Total execution time: 00:00:00.021
Ln 284, Col 1 Spaces: 4 UTF-8 LF SQL 0 rows MSSQL 00:00:00 localhost : HR_RajShah

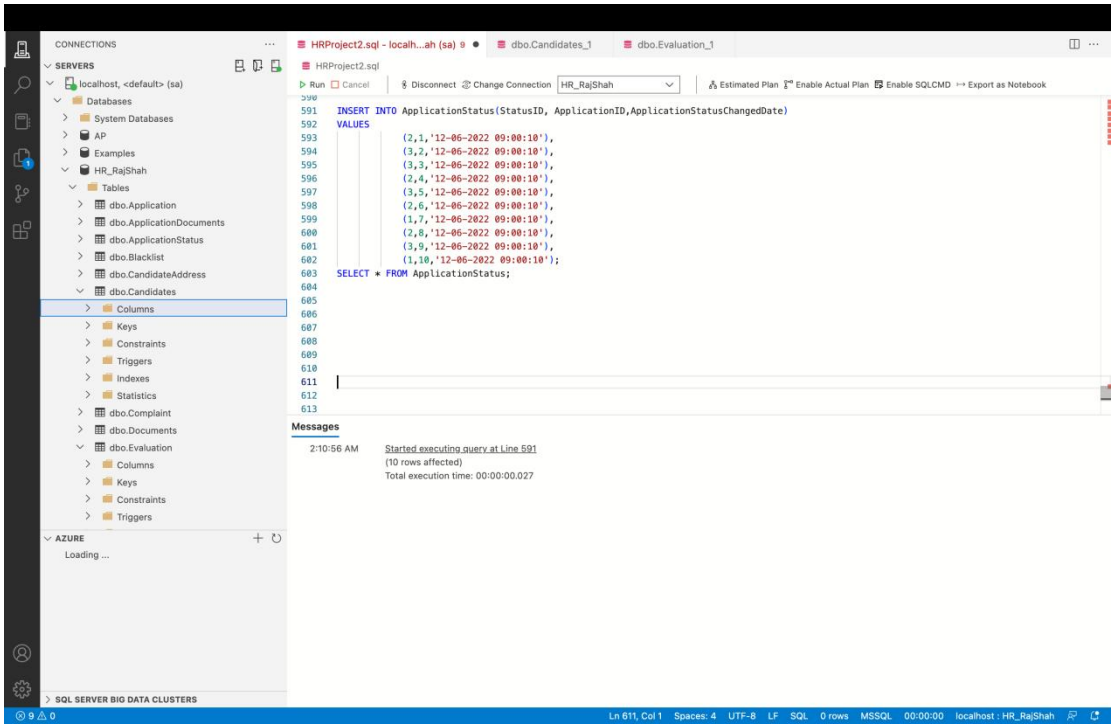

CONNECTIONS
SERVERS
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Columns
TestsID (PK, int, not null)
TestStartTime (time(7), not null)
TesEndTime (time(7), not null)
TestDetailsID (FK, int, not null)
TestScore (int, not null)
TestGrade (varchar(10), not null)
ApplicationID (FK, int, not null)
InterviewID (FK, int, not null)
Keys
Constraints
Triggers
Indexes
Statistics
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 8
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
473
474 INSERT INTO Tests(ApplicationID,TestStartTime,TesEndTime,TestDetailsID,TestScore,TestGrade,InterviewID)
475 VALUES
476 (1,'09:30:00','10:30:00',1,81,'A',1),
477 (2,'09:30:00','10:30:00',1,71,'B+',2),
478 (3,'09:30:00','10:30:00',1,51,'C+',3),
479 (4,'09:30:00','10:30:00',1,100,'A+',4),
480 (5,'09:30:00','10:30:00',1,51,'C+',5),
481 (6,'10:30:00','11:30:00',2,71,'B+',6),
482 (7,'10:30:00','11:30:00',2,81,'A',7),
483 (8,'10:30:00','11:30:00',2,71,'B+',8),
484 (9,'10:30:00','11:30:00',2,51,'C+',9),
485 (10,'10:30:00','11:30:00',2,71,'B+',10),
486 (1,'10:30:00','11:30:00',1,91,'A+',1),
487 (1,'10:30:00','11:30:00',1,85,'A',1);
488
Messages
1:25:39 AM Started executing query at Line 474
(12 rows affected)
Total execution time: 00:00:00.042
Ln 487, Col 8 Spaces: 4 UTF-8 LF SQL 0 rows MSSQL 00:00:00 localhost : HR_RajShah

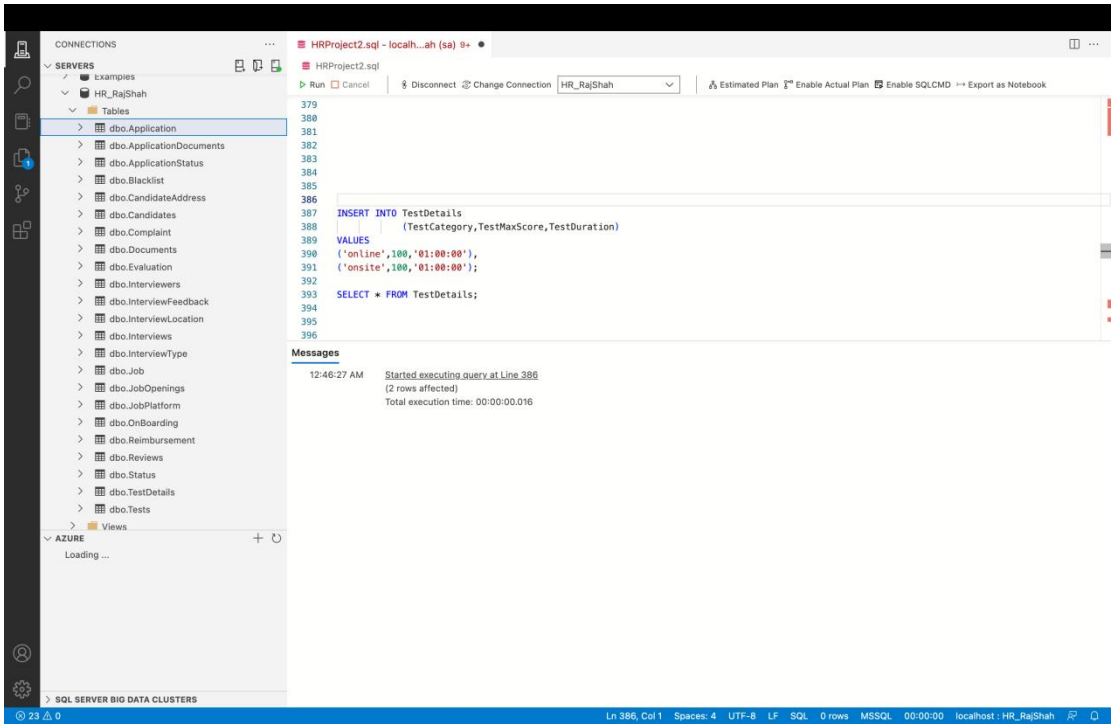

CONNECTIONS
SERVERS
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Columns
TestsID (PK, int, not null)
TestStartTime (time(7), not null)
TesEndTime (time(7), not null)
TestDetailsID (FK, int, not null)
TestScore (int, not null)
TestGrade (varchar(10), not null)
ApplicationID (FK, int, not null)
InterviewID (FK, int, not null)
Keys
Constraints
Triggers
Indexes
Statistics
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa)
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Evaluation(ApplicationID, InterviewerID, Result, EvaluationNotes)
VALUES
(1,1,'Accepted','Candidate fit for the role'),
(1,5,'Accepted','Candidate fit for the role'),
(1,2,'Accepted','Candidate fit for the role'),
(2,2,'Rejected','Candidate not fit for the role'),
(3,3,'Rejected','Candidate not fit for the role'),
(4,4,'Accepted','Candidate fit for the role'),
(5,5,'Rejected','Candidate not fit for the role'),
(6,6,'Accepted','Candidate fit for the role'),
(7,7,'Rejected','Candidate not fit for the role'),
(8,8,'Accepted','Candidate fit for the role'),
(9,9,'Accepted','Candidate fit for the role'),
(10,10,'Accepted','Candidate fit for the role');
SELECT * FROM Evaluation;
Messages
1:35:12 AM
Started executing query at Line 511
(12 rows affected)
Total execution time: 00:00:00.031
Ln 525, Col 1
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah

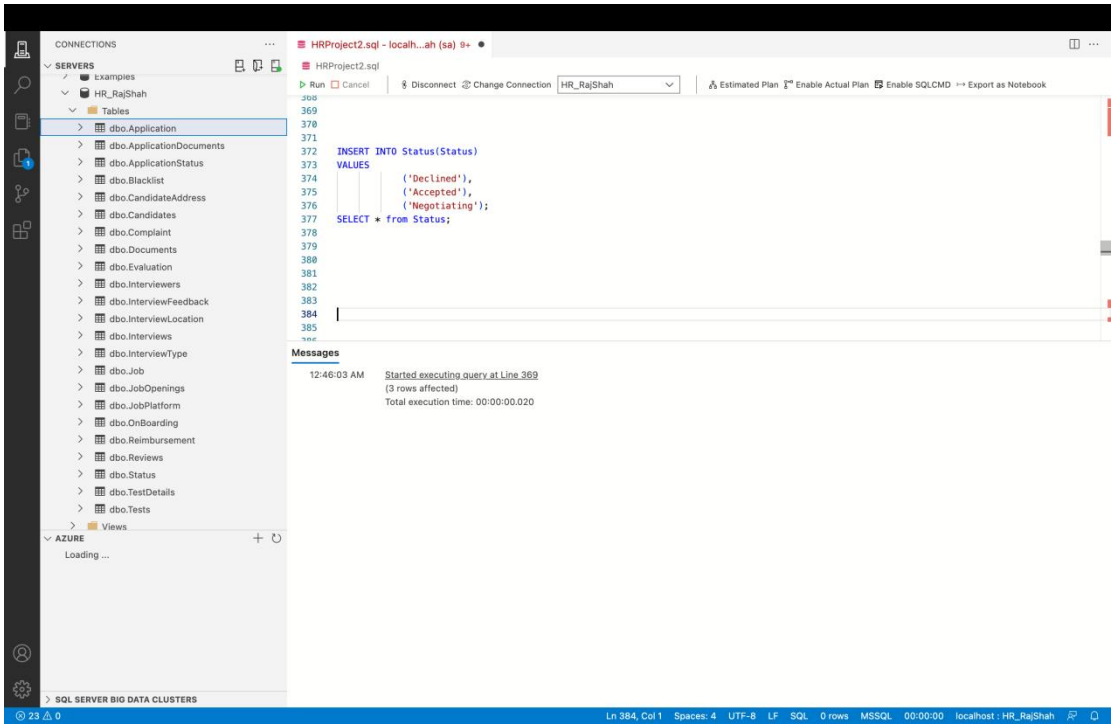

CONNECTIONS
SERVERS
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Columns
TestsID (PK, int, not null)
TestStartTime (time(7), not null)
TesEndTime (time(7), not null)
TestDetailsID (FK, int, not null)
TestScore (int, not null)
TestGrade (varchar(10), not null)
ApplicationID (FK, int, not null)
InterviewID (FK, int, not null)
Keys
Constraints
Triggers
Indexes
Statistics
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa)
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Reimbursement(ReimbursementRequestNumber,ReimbursementAmount,ReimbursementDate,RequestStatus,RequestType,ApplicationID)
VALUES
(1001,10000,'12-06-2022','Open','HotelReservation',1),
(1002,18000,'11-16-2022','Open','Air Tickets',2),
(1003,20000,'12-05-2022','Open','Air Tickets',3),
(1004,10000,'11-14-2022','Open','Car Rental',4),
(1005,20000,'11-16-2022','Open','HotelReservation',5),
(1006,10000,'12-12-2022','Open','HotelReservation',6),
(1007,14000,'11-06-2022','Open','Car Rental',7),
(1008,10000,'11-9-2022','Open','Air Tickets',8),
(1009,16000,'12-06-2022','Open','Car Rental',9),
(1010,30000,'11-01-2022','Open','Air Tickets',10);
SELECT * FROM Reimbursement;
Messages
1:37:41 AM
Started executing query at Line 530
(10 rows affected)
Total execution time: 00:00:00.028
Ln 542, Col 1
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah

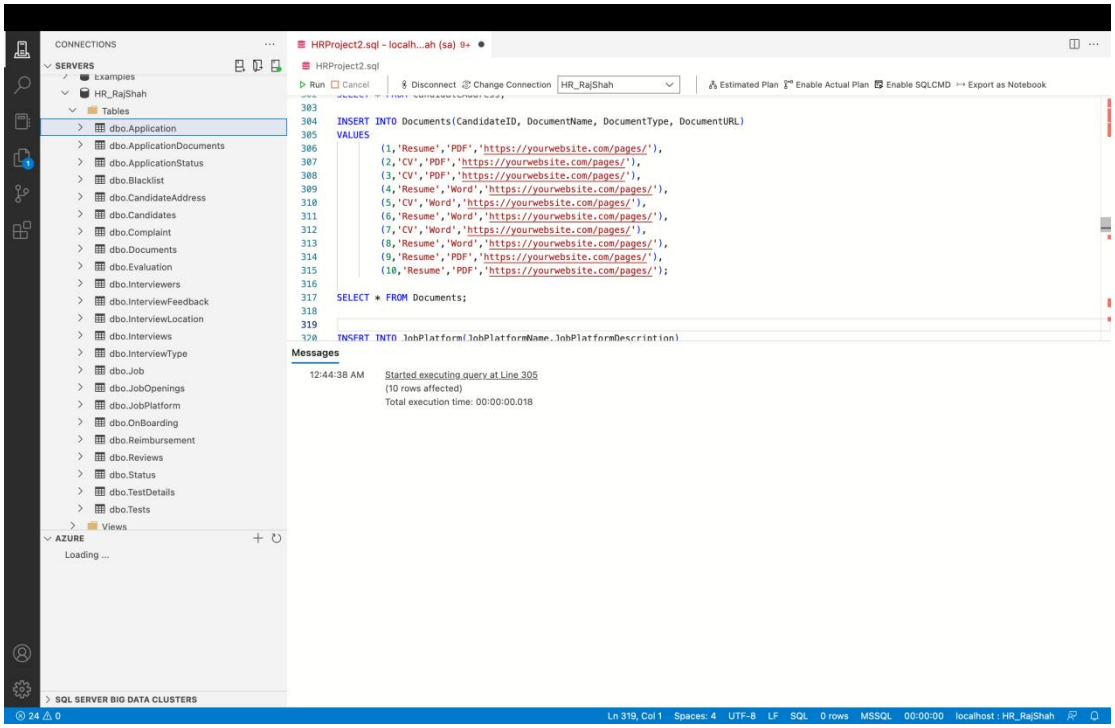

CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
Columns
Keys
Constraints
Triggers
Indexes
Statistics
dbo.Complaint
dbo.Documents
dbo.Evaluation
Columns
Keys
Constraints
Triggers
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 8
dbo.Candidates_1
dbo.Evaluation_1
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
552
553
554
555 INSERT INTO OnBoarding(OnboardingStatus,ActualStartDate,JobID,CandidateID)
556 VALUES
557 ('Completed','2023-12-28',4,1),
558 ('OnHold','2021-12-12',9,4),
559 ('Completed','2021-12-25',10,6),
560 ('OnHold','2022-12-28',9,8);
561
562 SELECT * FROM OnBoarding;
563
564
565
566
567
568
569
570
571
572
573
574
Messages
2:06:06 AM Started executing query at Line 551
(4 rows affected)
Total execution time: 00:00:00.030
Ln 561, Col 1 Spaces: 4 UTF-8 LF SQL 0 rows MSSQL 00:00:00 localhost : HR_RajShah

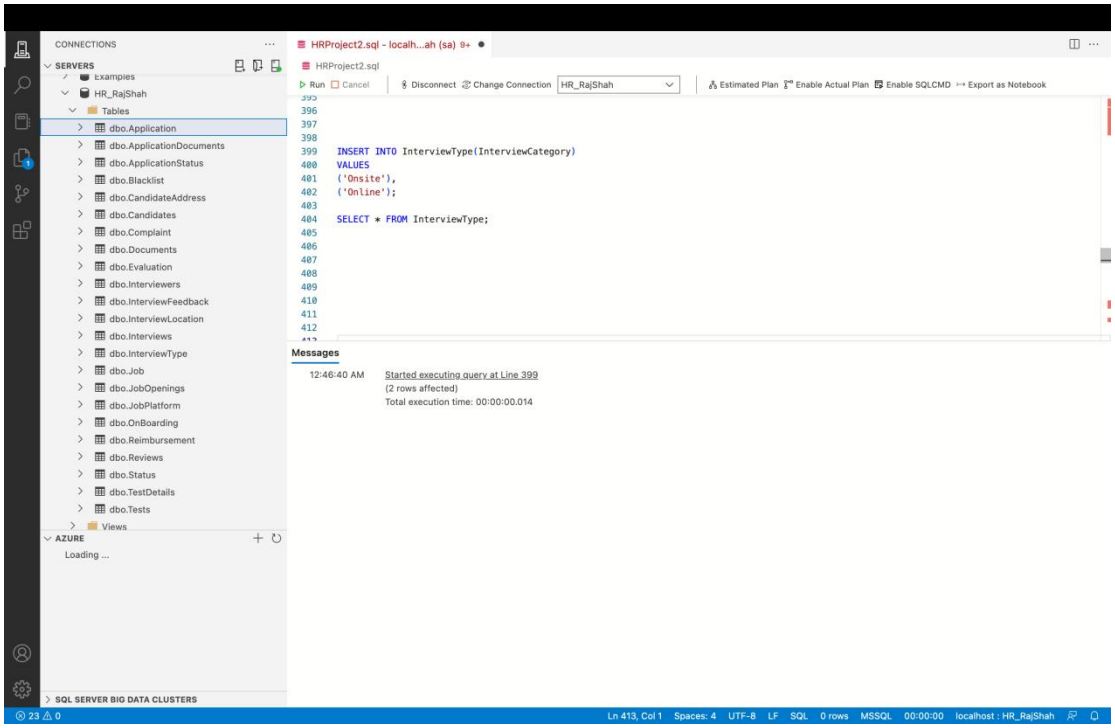

CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
Columns
Keys
Constraints
Triggers
Indexes
Statistics
dbo.Complaint
dbo.Documents
dbo.Evaluation
Columns
Keys
Constraints
Triggers
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 8
dbo.Candidates_1
dbo.Evaluation_1
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
563
564
565 INSERT INTO Complaint(ApplicationID,ComplaintDescription,ComplaintInterviewStatus,ComplaintValid)
566 VALUES
567 (2,'Did not get an interview call','Waiting',''),
568 (3,'Did not get an interview call','Waiting',''),
569 (5,'Did not get an interview call','Re-Interview','1');
570
571
572 SELECT * FROM Complaint;
573
574
575
576
577
578
579
580
581
582
583
584
585
586
Messages
2:07:22 AM Started executing query at Line 575
(3 rows affected)
Total execution time: 00:00:00.025
Ln 574, Col 1 Spaces: 4 UTF-8 LF SQL 0 rows MSSQL 00:00:00 localhost : HR_RajShah

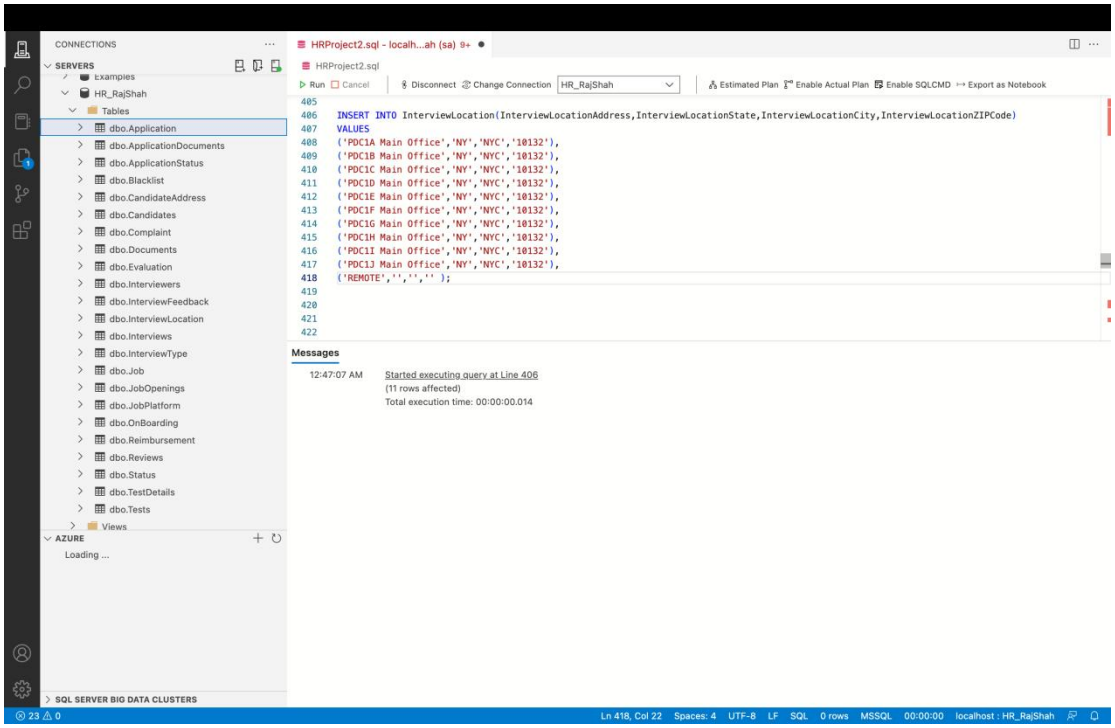

CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
Columns
Keys
Constraints
Triggers
Indexes
Statistics
dbo.Complaint
dbo.Documents
dbo.Evaluation
Columns
Keys
Constraints
Triggers
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9
dbo.Candidates_1
dbo.Evaluation_1
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO ApplicationStatus(StatusID, ApplicationID,ApplicationStatusChangedDate)
VALUES
(2,1,'12-06-2022 09:00:10'),
(3,2,'12-06-2022 09:00:10'),
(3,3,'12-06-2022 09:00:10'),
(2,4,'12-06-2022 09:00:10'),
(3,5,'12-06-2022 09:00:10'),
(2,6,'12-06-2022 09:00:10'),
(1,7,'12-06-2022 09:00:10'),
(2,8,'12-06-2022 09:00:10'),
(3,9,'12-06-2022 09:00:10'),
(1,10,'12-06-2022 09:00:10');
SELECT * FROM ApplicationStatus;
Messages
2:10:56 AM
Started executing query at Line 591
(10 rows affected)
Total execution time: 00:00:00.027
Ln 611, Col 1
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah

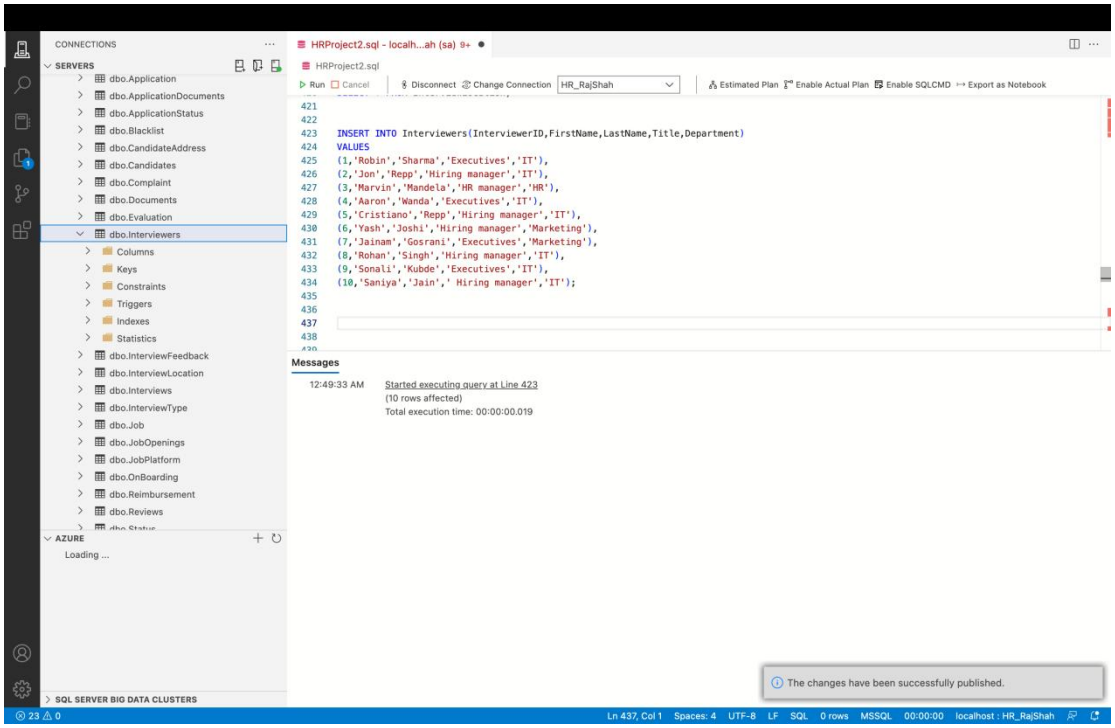

CONNECTIONS
SERVERS
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO TestDetails
(TestCategory,TestMaxScore,TestDuration)
VALUES
('online',100,'01:00:00'),
('onsite',100,'01:00:00');
SELECT * FROM TestDetails;
Messages
12:46:27 AM
Started executing query at Line 386
(2 rows affected)
Total execution time: 00:00:00.016
Ln 386, Col 1
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah


CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa)
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Status(Status)
VALUES
('Declined'),
('Accepted'),
('Negotiating');
SELECT * from Status;
Messages
12:46:03 AM
Started executing query at Line 369
(3 rows affected)
Total execution time: 00:00:00.020
Ln 384, Col 1
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah


CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa)
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Documents(CandidateID, DocumentName, DocumentType, DocumentURL)
VALUES
(1,'Resume','PDF','https://yourwebsite.com/pages/'),
(2,'CV','PDF','https://yourwebsite.com/pages/'),
(3,'CV','PDF','https://yourwebsite.com/pages/'),
(4,'Resume','Word','https://yourwebsite.com/pages/'),
(5,'CV','Word','https://yourwebsite.com/pages/'),
(6,'Resume','Word','https://yourwebsite.com/pages/'),
(7,'CV','Word','https://yourwebsite.com/pages/'),
(8,'Resume','Word','https://yourwebsite.com/pages/'),
(9,'Resume','PDF','https://yourwebsite.com/pages/'),
(10,'Resume','PDF','https://yourwebsite.com/pages/');
SELECT * FROM Documents;
Messages
12:44:38 AM
Started executing query at Line 305
(10 rows affected)
Total execution time: 00:00:00.018
Ln 319, Col 1
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah


CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO InterviewType(InterviewCategory)
VALUES
('Onsite'),
('Online');
SELECT * FROM InterviewType;
Messages
12:46:40 AM
Started executing query at Line 399
(2 rows affected)
Total execution time: 00:00:00.014
Ln 413, Col 1
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah


CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO InterviewLocation(InterviewLocationAddress,InterviewLocationState,InterviewLocationCity,InterviewLocationZIPCode)
VALUES
('PDC1A Main Office','NY','NYC','10132'),
('PDC1B Main Office','NY','NYC','10132'),
('PDC1C Main Office','NY','NYC','10132'),
('PDC1D Main Office','NY','NYC','10132'),
('PDC1E Main Office','NY','NYC','10132'),
('PDC1F Main Office','NY','NYC','10132'),
('PDC1G Main Office','NY','NYC','10132'),
('PDC1H Main Office','NY','NYC','10132'),
('PDC1I Main Office','NY','NYC','10132'),
('PDC1J Main Office','NY','NYC','10132'),
('REMOTE','','','');
Messages
12:47:07 AM
Started executing query at Line 406
(11 rows affected)
Total execution time: 00:00:00.014
Ln 418, Col 22
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah


CONNECTIONS
SERVERS
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
Columns
Keys
Constraints
Triggers
Indexes
Statistics
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
AZURE
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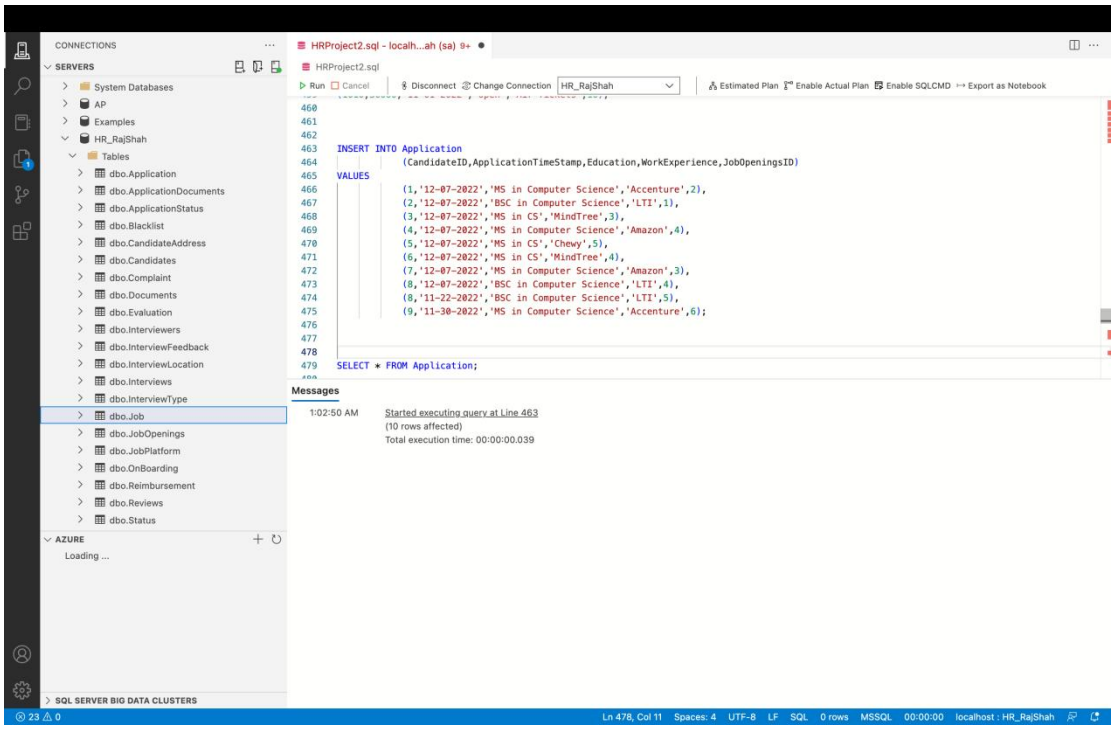
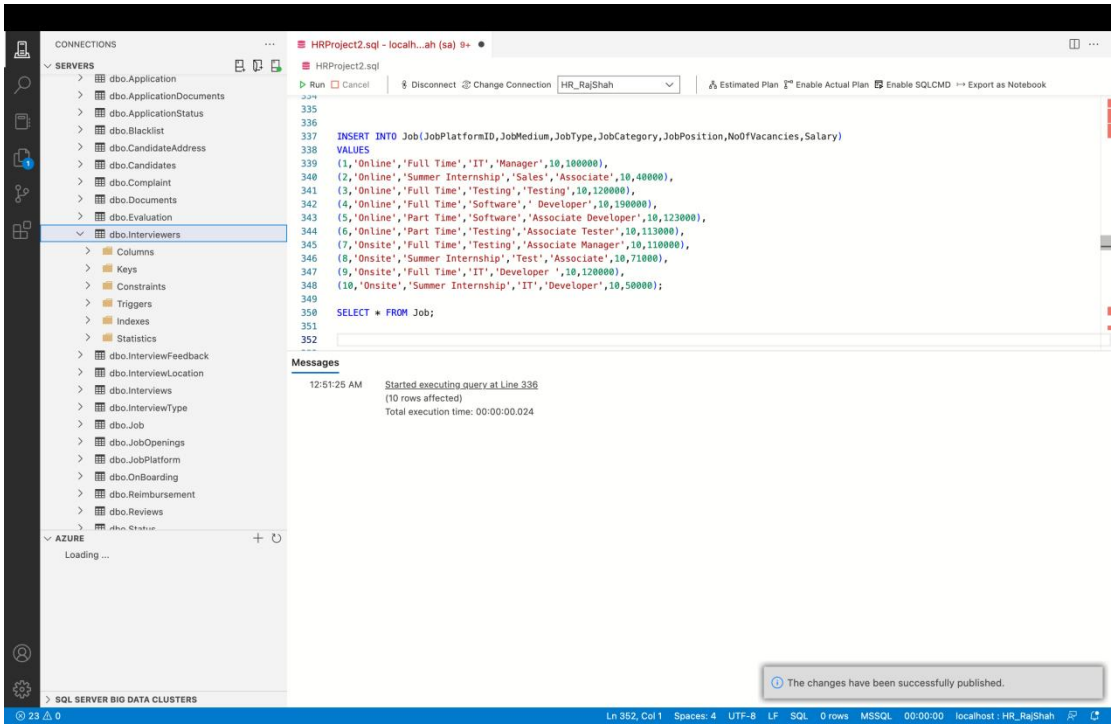
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
421
422
423 INSERT INTO Interviewers(InterviewerID,FirstName,LastName,Title,Department)
424 VALUES
425 (1,'Robin','Sharma','Executives','IT'),
426 (2,'Jon','Repp','Hiring manager','IT'),
427 (3,'Marvin','Mandela','HR manager','HR'),
428 (4,'Aaron','Wanda','Executives','IT'),
429 (5,'Cristiano','Repp','Hiring manager','IT'),
430 (6,'Yash','Joshi','Hiring manager','Marketing'),
431 (7,'Jainam','Gosrani','Executives','Marketing'),
432 (8,'Rohan','Singh','Hiring manager','IT'),
433 (9,'Sonali','Kubde','Executives','IT'),
434 (10,'Saniya','Jain',' Hiring manager','IT');
435
436
437
438
Messages
12:49:33 AM
Started executing query at Line 423
(10 rows affected)
Total execution time: 00:00:00.019
The changes have been successfully published.
Ln 437, Col 1
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah


CONNECTIONS
SERVERS
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
460
461
462
463 INSERT INTO Application
464 (CandidateID,ApplicationTimeStamp,Education,WorkExperience,JobOpeningsID)
465 VALUES
466 (1,'12-07-2022','MS in Computer Science','Accenture',2),
467 (2,'12-07-2022','BSC in Computer Science','LTI',1),
468 (3,'12-07-2022','MS in CS','MindTree',3),
469 (4,'12-07-2022','MS in Computer Science','Amazon',4),
470 (5,'12-07-2022','MS in CS','Chewy',5),
471 (6,'12-07-2022','MS in CS','MindTree',4),
472 (7,'12-07-2022','MS in Computer Science','Amazon',3),
473 (8,'12-07-2022','BSC in Computer Science','LTI',4),
474 (8,'11-22-2022','BSC in Computer Science','LTI',5),
475 (9,'11-30-2022','MS in Computer Science','Accenture',6);
476
477
478
479 SELECT * FROM Application;
Messages
1:02:50 AM
Started executing query at Line 463
(10 rows affected)
Total execution time: 00:00:00.039
Ln 478, Col 11
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah


CONNECTIONS
SERVERS
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
Columns
Keys
Constraints
Triggers
Indexes
Statistics
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
AZURE
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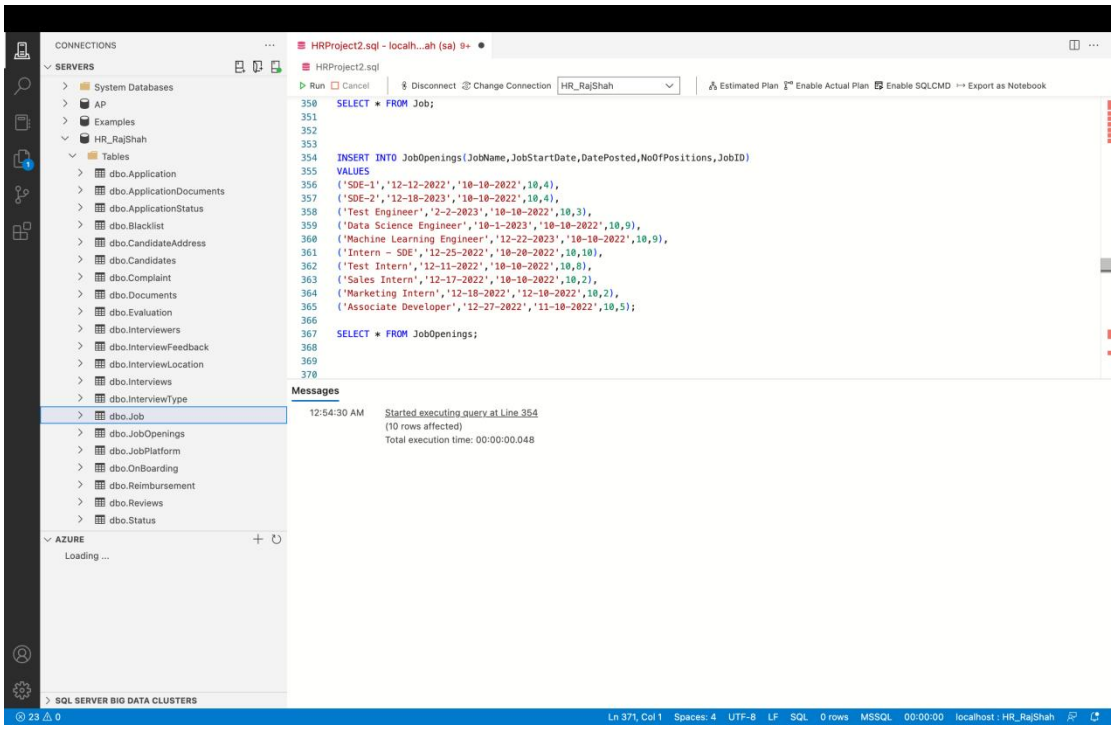
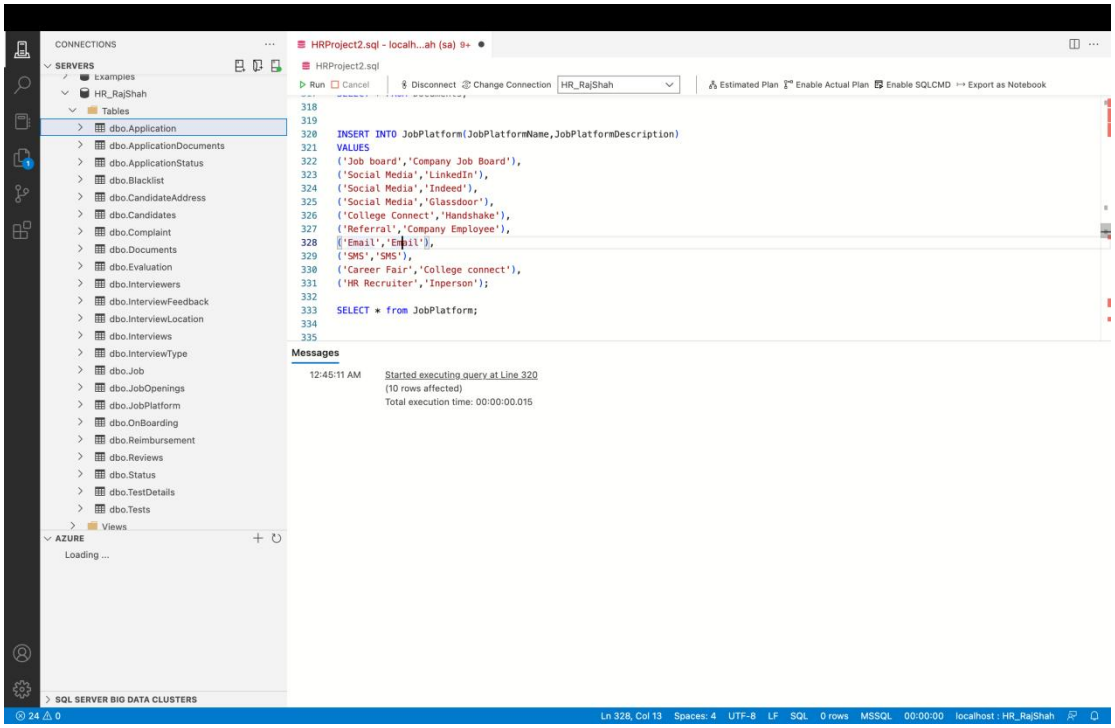
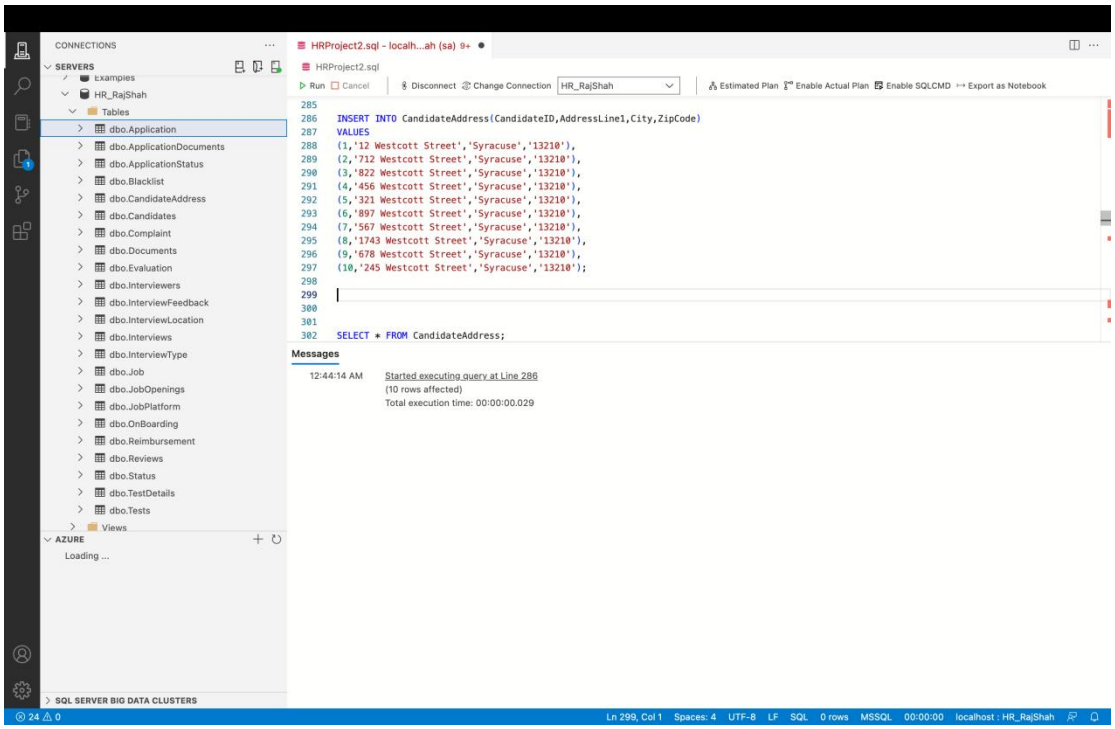
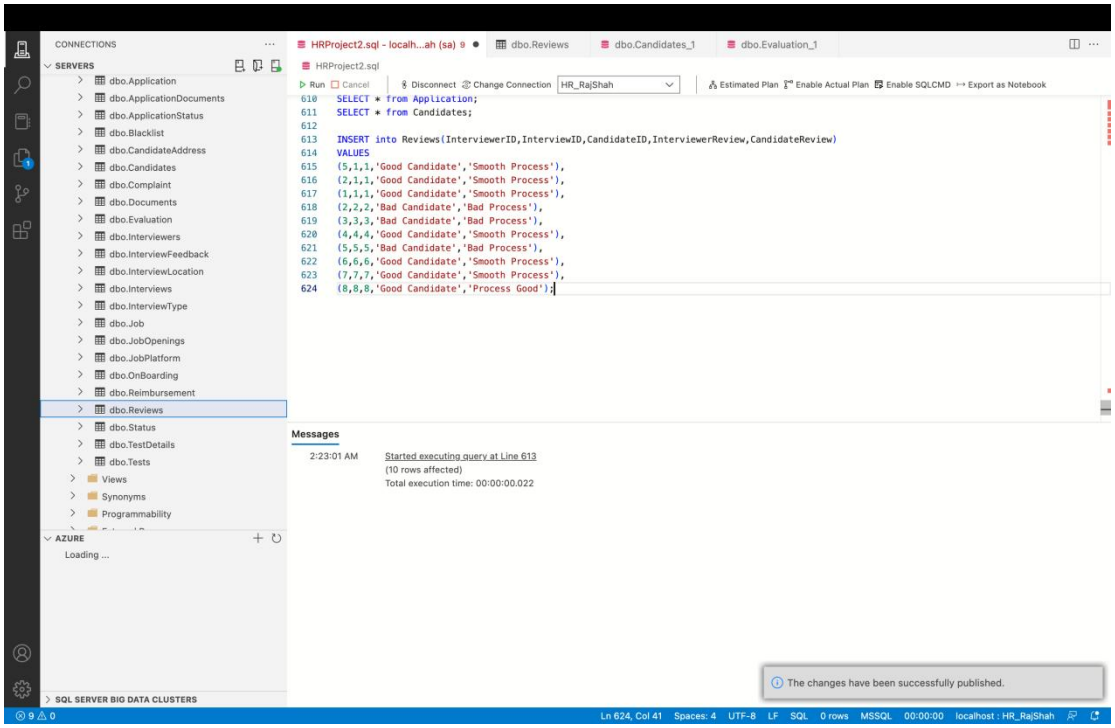
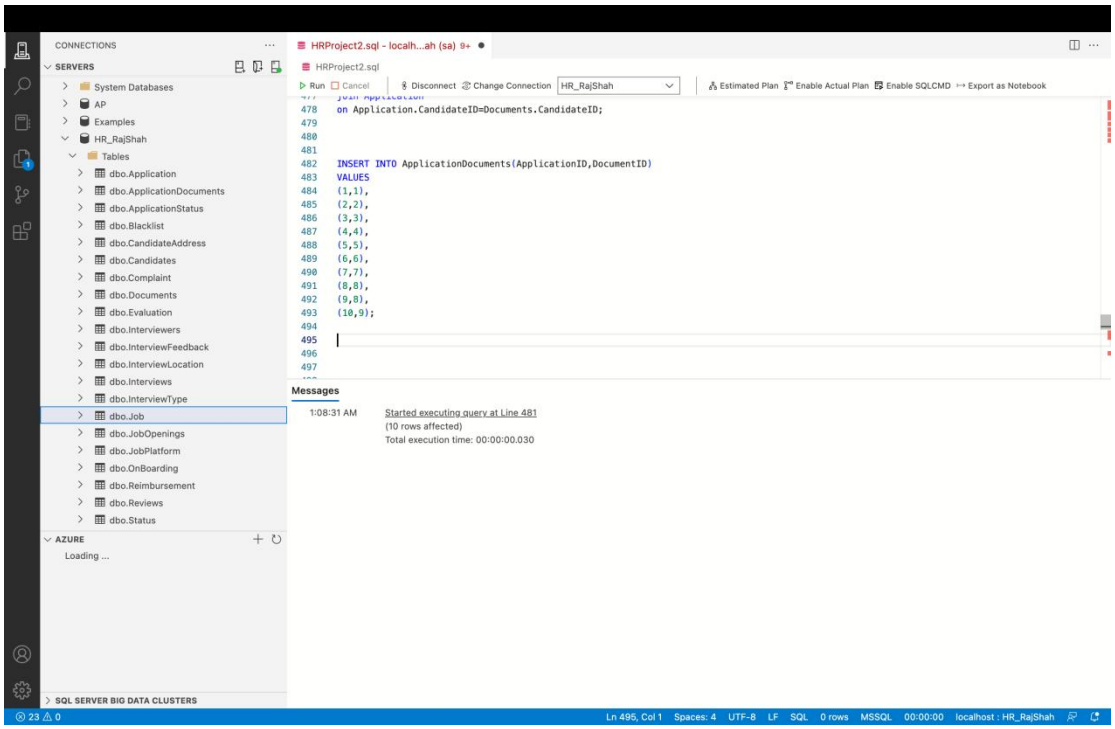
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Job(JobPlatformID,JobMedium,JobType,JobCategory,JobPosition,NoOfVacancies,Salary)
VALUES
(1,'Online','Full Time','IT','Manager',10,100000),
(2,'Online','Summer Internship','Sales','Associate',10,40000),
(3,'Online','Full Time','Testing','Testing',10,120000),
(4,'Online','Full Time','Software',' Developer',10,190000),
(5,'Online','Part Time','Software','Associate Developer',10,123000),
(6,'Online','Part Time','Testing','Associate Tester',10,113000),
(7,'Onsite','Full Time','Testing','Associate Manager',10,110000),
(8,'Onsite','Summer Internship','Test','Associate',10,71000),
(9,'Onsite','Full Time','IT','Developer ',10,120000),
(10,'Onsite','Summer Internship','IT','Developer',10,50000);
SELECT * FROM Job;
Messages
12:51:25 AM
Started executing query at Line 336
(10 rows affected)
Total execution time: 00:00:00.024
The changes have been successfully published.
Ln 352, Col 1
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah

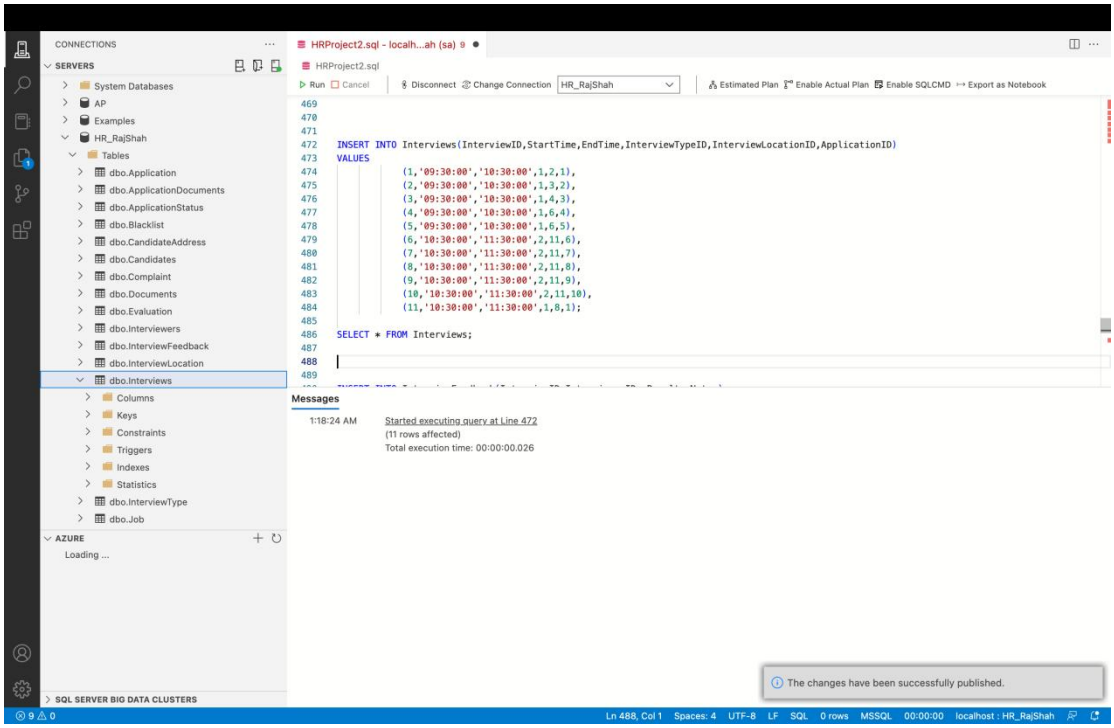

CONNECTIONS
SERVERS
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
SELECT * FROM Job;
INSERT INTO JobOpenings(JobName,JobStartDate,DatePosted,NoOfPositions,JobID)
VALUES
('SDE-1','12-12-2022','10-10-2022',10,4),
('SDE-2','12-18-2023','10-10-2022',10,4),
('Test Engineer','2-2-2023','10-10-2022',10,3),
('Data Science Engineer','10-1-2023','10-10-2022',10,9),
('Machine Learning Engineer','12-22-2023','10-10-2022',10,9),
('Intern - SDE','12-25-2022','10-20-2022',10,10),
('Test Intern','12-11-2022','10-10-2022',10,8),
('Sales Intern','12-17-2022','10-10-2022',10,2),
('Marketing Intern','12-18-2022','12-10-2022',10,2),
('Associate Developer','12-27-2022','11-10-2022',10,5);
SELECT * FROM JobOpenings;
Messages
12:54:30 AM
Started executing query at Line 354
(10 rows affected)
Total execution time: 00:00:00.048
Ln 371, Col 1
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah


CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO JobPlatform(JobPlatformName,JobPlatformDescription)
VALUES
('Job board','Company Job Board'),
('Social Media','LinkedIn'),
('Social Media','Indeed'),
('Social Media','Glassdoor'),
('College Connect','Handshake'),
('Referral','Company Employee'),
('Email','Email'),
('SMS','SMS'),
('Career Fair','College connect'),
('HR Recruiter','Inperson');
SELECT * from JobPlatform;
Messages
12:45:11 AM
Started executing query at Line 320
(10 rows affected)
Total execution time: 00:00:00.015
Ln 328, Col 13
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah

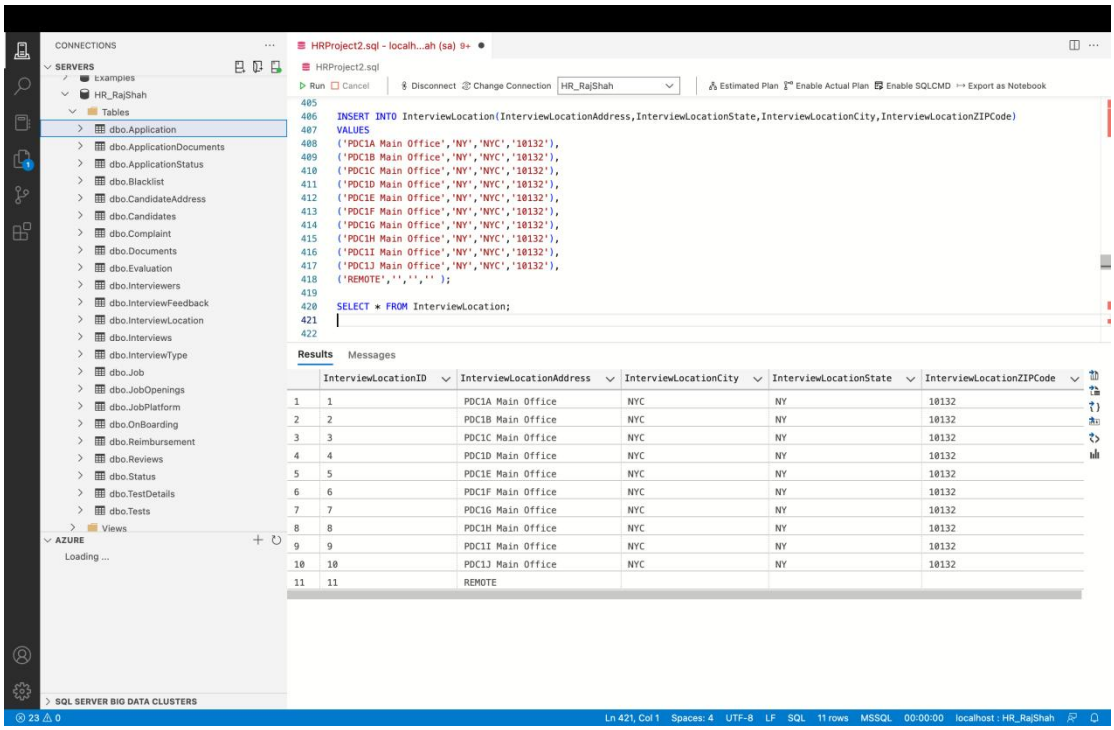

CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO CandidateAddress(CandidateID,AddressLine1,City,ZipCode)
VALUES
(1,'12 Westcott Street','Syracuse','13210'),
(2,'712 Westcott Street','Syracuse','13210'),
(3,'822 Westcott Street','Syracuse','13210'),
(4,'456 Westcott Street','Syracuse','13210'),
(5,'321 Westcott Street','Syracuse','13210'),
(6,'897 Westcott Street','Syracuse','13210'),
(7,'567 Westcott Street','Syracuse','13210'),
(8,'1743 Westcott Street','Syracuse','13210'),
(9,'678 Westcott Street','Syracuse','13210'),
(10,'245 Westcott Street','Syracuse','13210');
SELECT * FROM CandidateAddress;
Messages
12:44:14 AM
Started executing query at Line 286
(10 rows affected)
Total execution time: 00:00:00.029
Ln 299, Col 1
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah

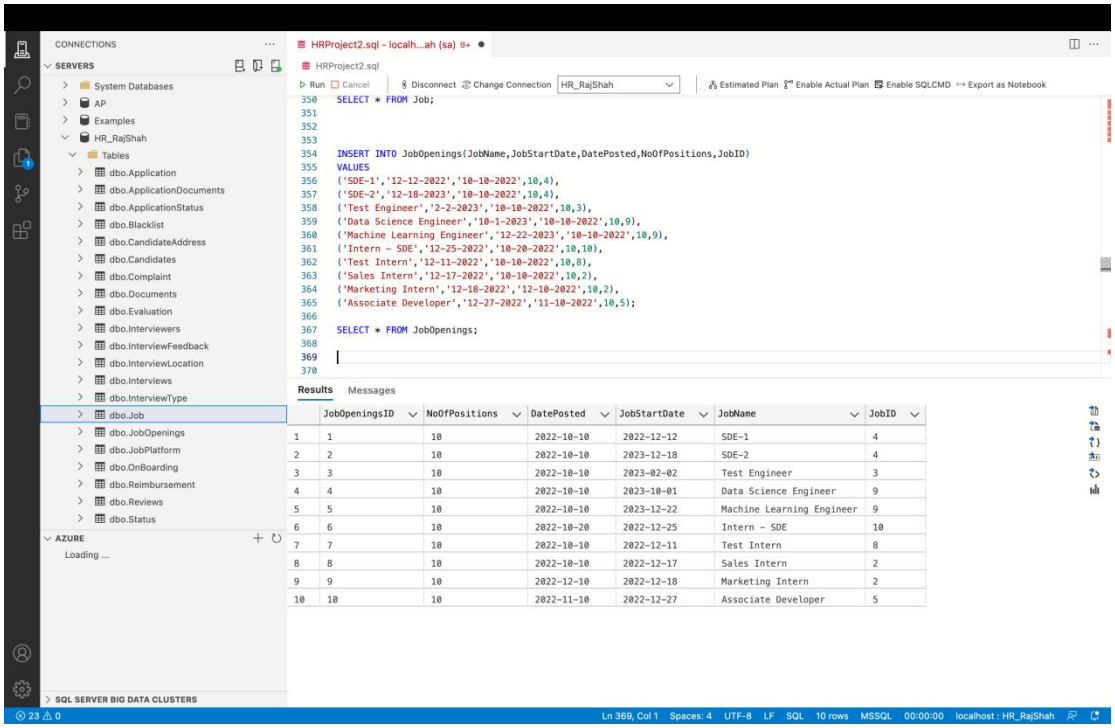

CONNECTIONS
SERVERS
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
Synonyms
Programmability
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9
dbo.Reviews
dbo.Candidates_1
dbo.Evaluation_1
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
SELECT * from Application;
SELECT * from Candidates;
INSERT into Reviews(InterviewerID,InterviewID,CandidateID,InterviewerReview,CandidateReview)
VALUES
(5,1,1,'Good Candidate','Smooth Process'),
(2,1,1,'Good Candidate','Smooth Process'),
(1,1,1,'Good Candidate','Smooth Process'),
(2,2,2,'Bad Candidate','Bad Process'),
(3,3,3,'Bad Candidate','Bad Process'),
(4,4,4,'Good Candidate','Smooth Process'),
(5,5,5,'Bad Candidate','Bad Process'),
(6,6,6,'Good Candidate','Smooth Process'),
(7,7,7,'Good Candidate','Smooth Process'),
(8,8,8,'Good Candidate','Process Good');
Messages
2:23:01 AM
Started executing query at Line 613
(10 rows affected)
Total execution time: 00:00:00.022
The changes have been successfully published.
Ln 624, Col 41
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah

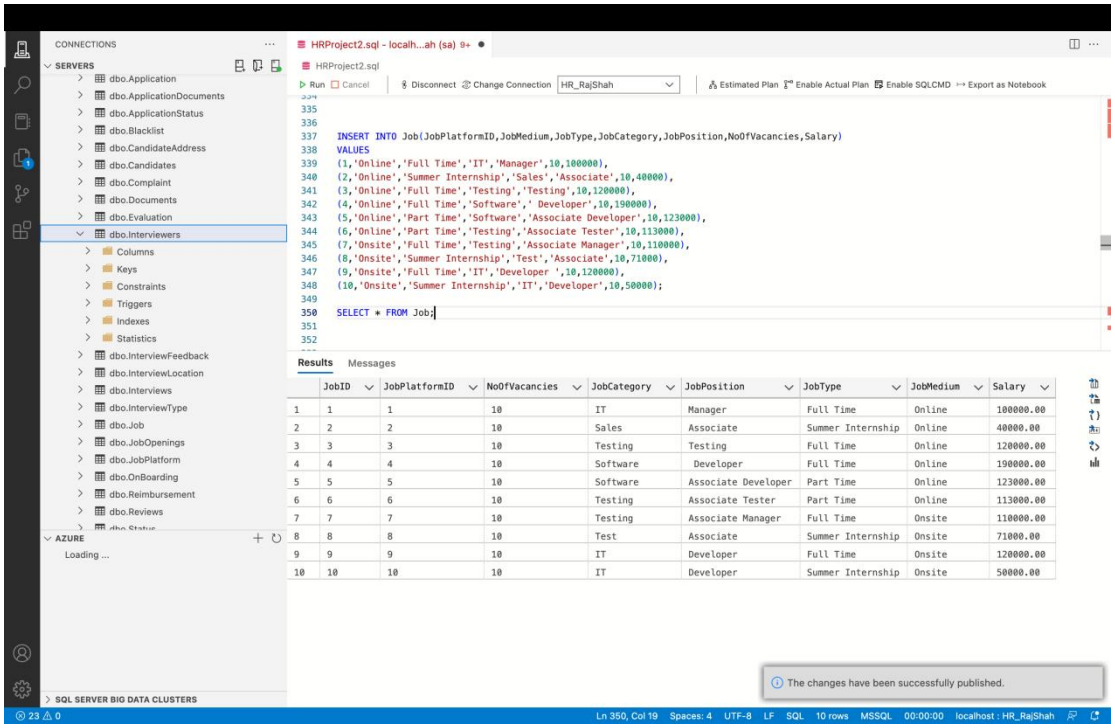

CONNECTIONS
SERVERS
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
on Application.CandidateID=Documents.CandidateID;
INSERT INTO ApplicationDocuments(ApplicationID,DocumentID)
VALUES
(1,1),
(2,2),
(3,3),
(4,4),
(5,5),
(6,6),
(7,7),
(8,8),
(9,8),
(10,9);
Messages
1:08:31 AM
Started executing query at Line 481
(10 rows affected)
Total execution time: 00:00:00.030
Ln 495, Col 1
Spaces: 4
UTF-8
LF
SQL
0 rows
MSSQL
00:00:00
localhost : HR_RajShah

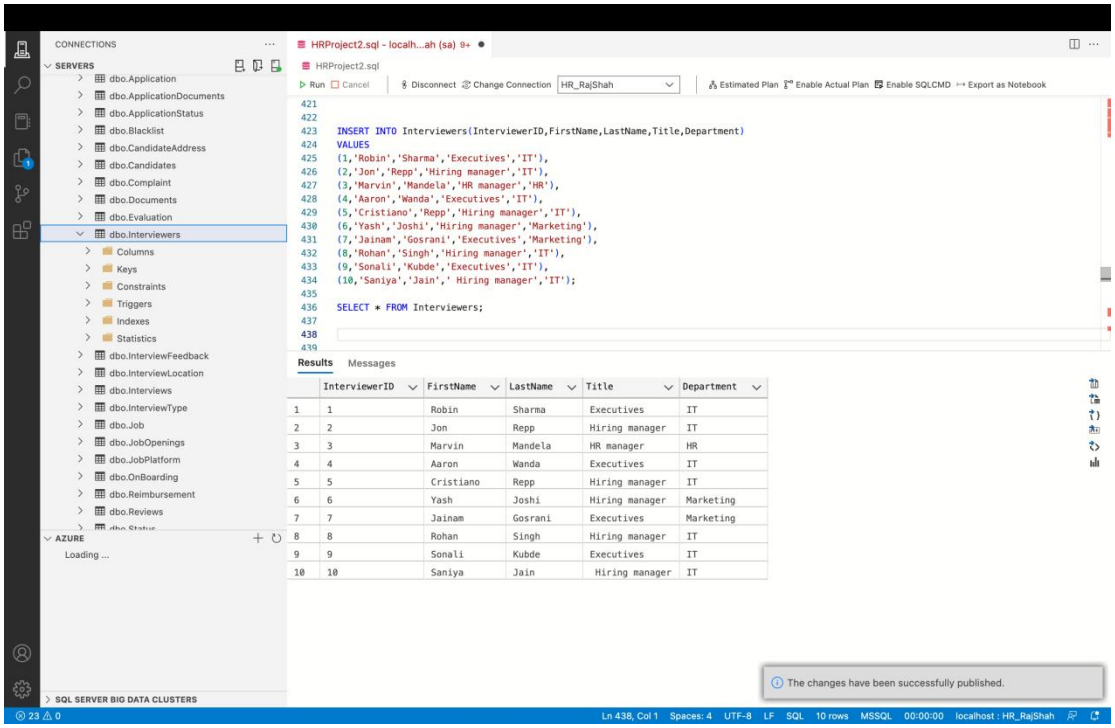


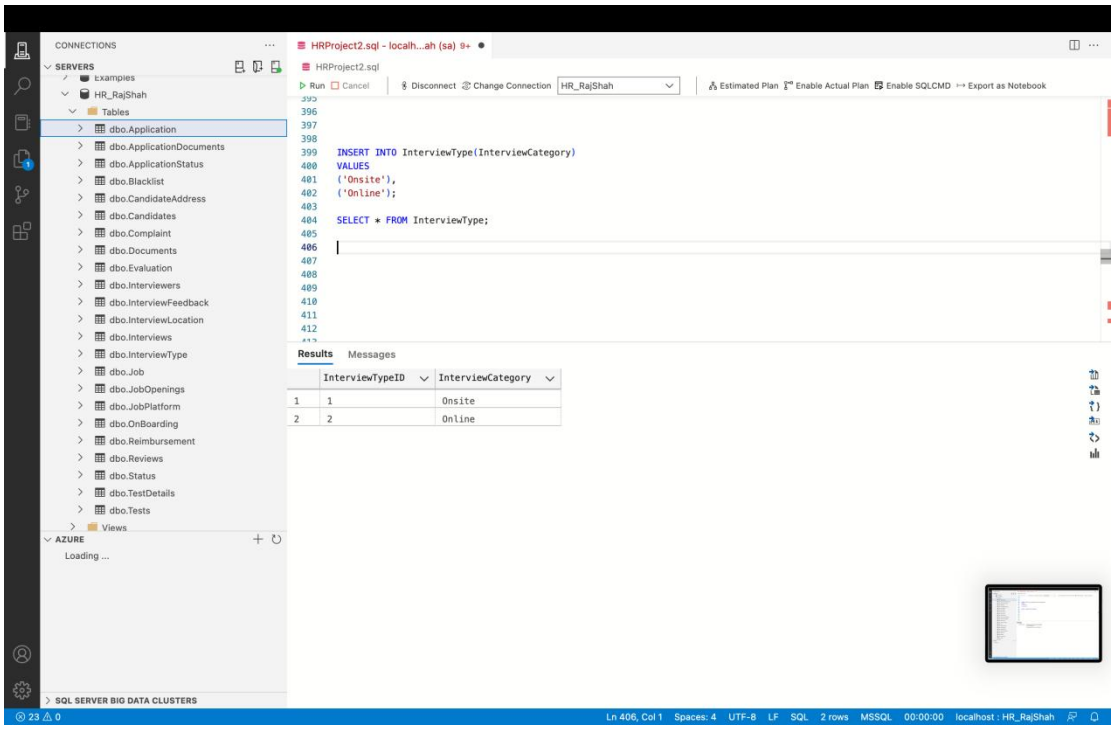
Screenshots for retrieval of data from the tables

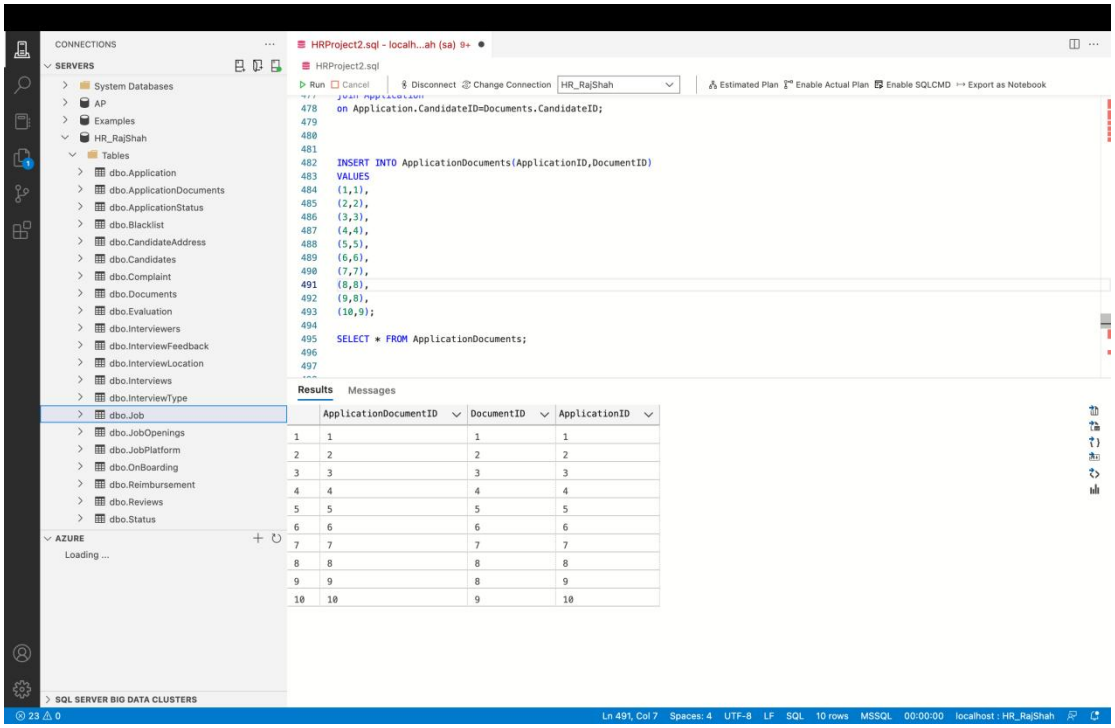


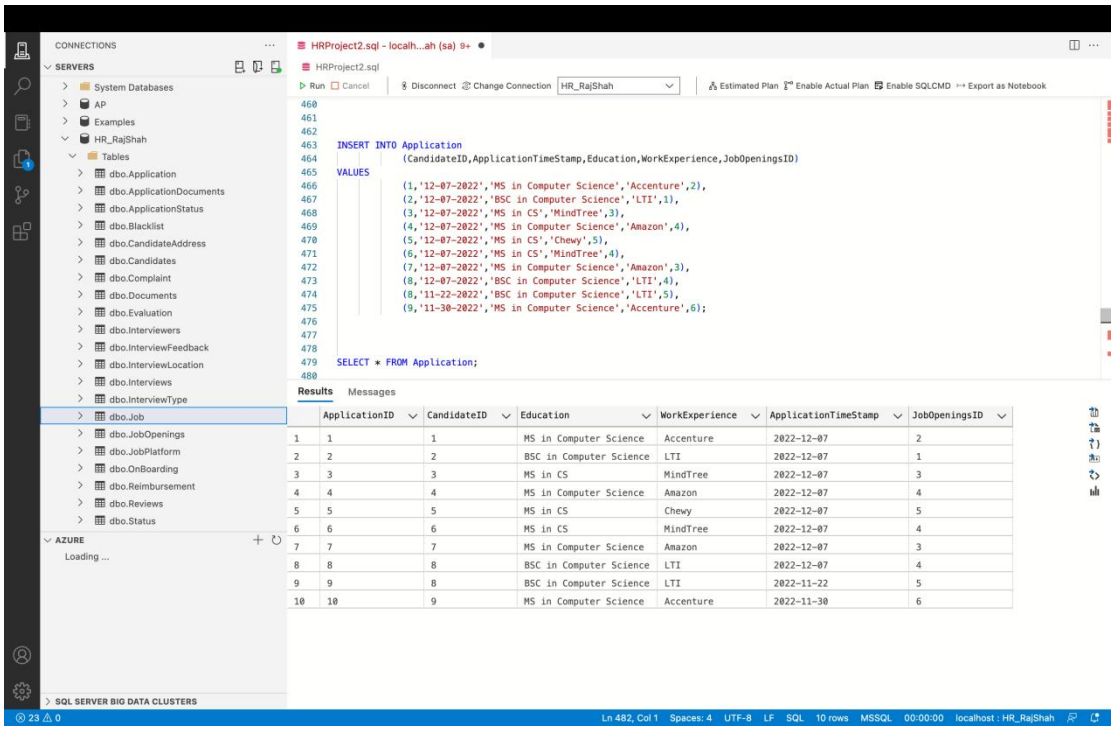

CONNECTIONS
SERVERS
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
SELECT * FROM Job;
INSERT INTO JobOpenings(JobName,JobStartDate,DatePosted,NoOfPositions,JobID)
VALUES
('SDE-1','12-12-2022','10-10-2022',10,4),
('SDE-2','12-18-2023','10-10-2022',10,4),
('Test Engineer','2-2-2023','10-10-2022',10,3),
('Data Science Engineer','10-1-2023','10-10-2022',10,9),
('Machine Learning Engineer','12-22-2023','10-10-2022',10,9),
('Intern - SDE','12-25-2022','10-20-2022',10,10),
('Test Intern','12-11-2022','10-10-2022',10,8),
('Sales Intern','12-17-2022','10-10-2022',10,2),
('Marketing Intern','12-18-2022','12-10-2022',10,2),
('Associate Developer','12-27-2022','11-10-2022',10,5);
SELECT * FROM JobOpenings;
Results
Messages
JobOpeningsID NoOfPositions DatePosted JobStartDate JobName JobID
1 1 10 2022-10-10 2022-12-12 SDE-1 4
2 2 10 2022-10-10 2023-12-18 SDE-2 4
3 3 10 2022-10-10 2023-02-02 Test Engineer 3
4 4 10 2022-10-10 2023-10-01 Data Science Engineer 9
5 5 10 2022-10-10 2023-12-22 Machine Learning Engineer 9
6 6 10 2022-10-20 2022-12-25 Intern - SDE 10
7 7 10 2022-10-10 2022-12-11 Test Intern 8
8 8 10 2022-10-10 2022-12-17 Sales Intern 2
9 9 10 2022-12-10 2022-12-18 Marketing Intern 2
10 10 10 2022-11-10 2022-12-27 Associate Developer 5
Ln 369, Col 1 Spaces: 4 UTF-8 LF SQL 10 rows MSSQL 00:00:00 localhost : HR_RajShah

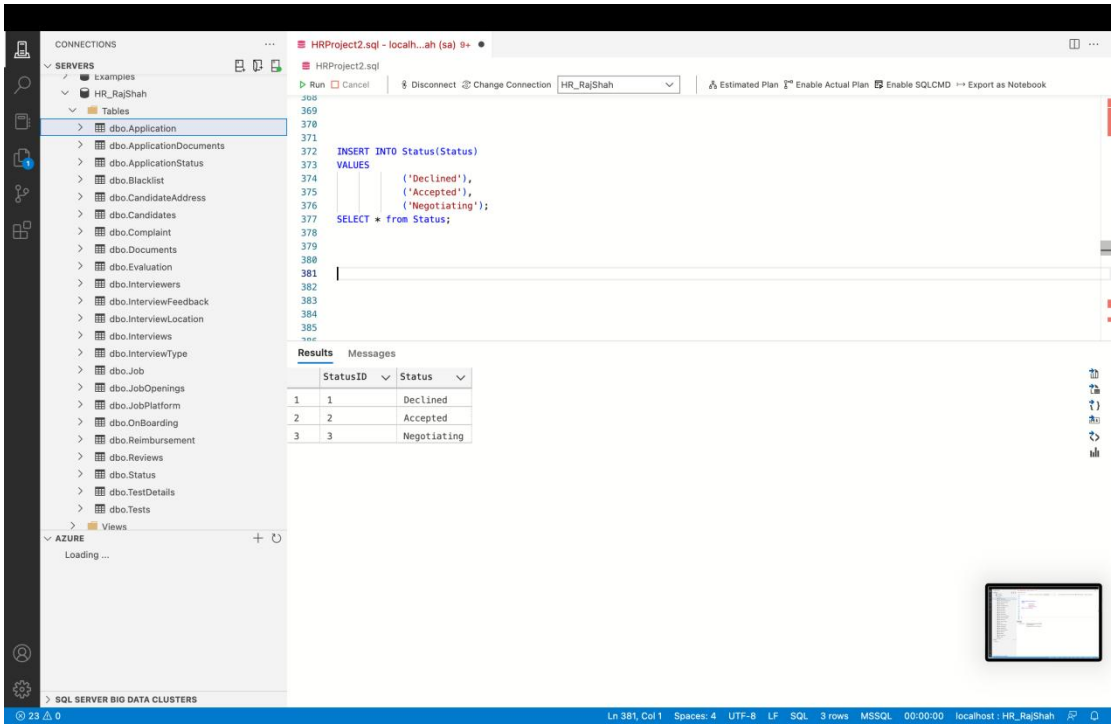

CONNECTIONS
SERVERS
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
Columns
Keys
Constraints
Triggers
Indexes
Statistics
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Job(JobPlatformID,JobMedium,JobType,JobCategory,JobPosition,NoOfVacancies,Salary)
VALUES
(1,'Online','Full Time','IT','Manager',10,100000),
(2,'Online','Summer Internship','Sales','Associate',10,40000),
(3,'Online','Full Time','Testing','Testing',10,120000),
(4,'Online','Full Time','Software',' Developer',10,190000),
(5,'Online','Part Time','Software','Associate Developer',10,123000),
(6,'Online','Part Time','Testing','Associate Tester',10,113000),
(7,'Onsite','Full Time','Testing','Associate Manager',10,110000),
(8,'Onsite','Summer Internship','Test','Associate',10,71000),
(9,'Onsite','Full Time','IT','Developer ',10,120000),
(10,'Onsite','Summer Internship','IT','Developer',10,50000);
SELECT * FROM Job;
Results
Messages
JobID JobPlatformID NoOfVacancies JobCategory JobPosition JobType JobMedium Salary
1 1 1 10 IT Manager Full Time Online 100000.00
2 2 2 10 Sales Associate Summer Internship Online 40000.00
3 3 3 10 Testing Testing Full Time Online 120000.00
4 4 4 10 Software Developer Full Time Online 190000.00
5 5 5 10 Software Associate Developer Part Time Online 123000.00
6 6 6 10 Testing Associate Tester Part Time Online 113000.00
7 7 7 10 Testing Associate Manager Full Time Online 110000.00
8 8 8 10 Test Associate Summer Internship Onsite 71000.00
9 9 9 10 IT Developer Full Time Onsite 120000.00
10 10 10 10 IT Developer Summer Internship Onsite 50000.00
The changes have been successfully published.
Ln 350, Col 19 Spaces: 4 UTF-8 LF SQL 10 rows MSSQL 00:00:00 localhost : HR_RajShah

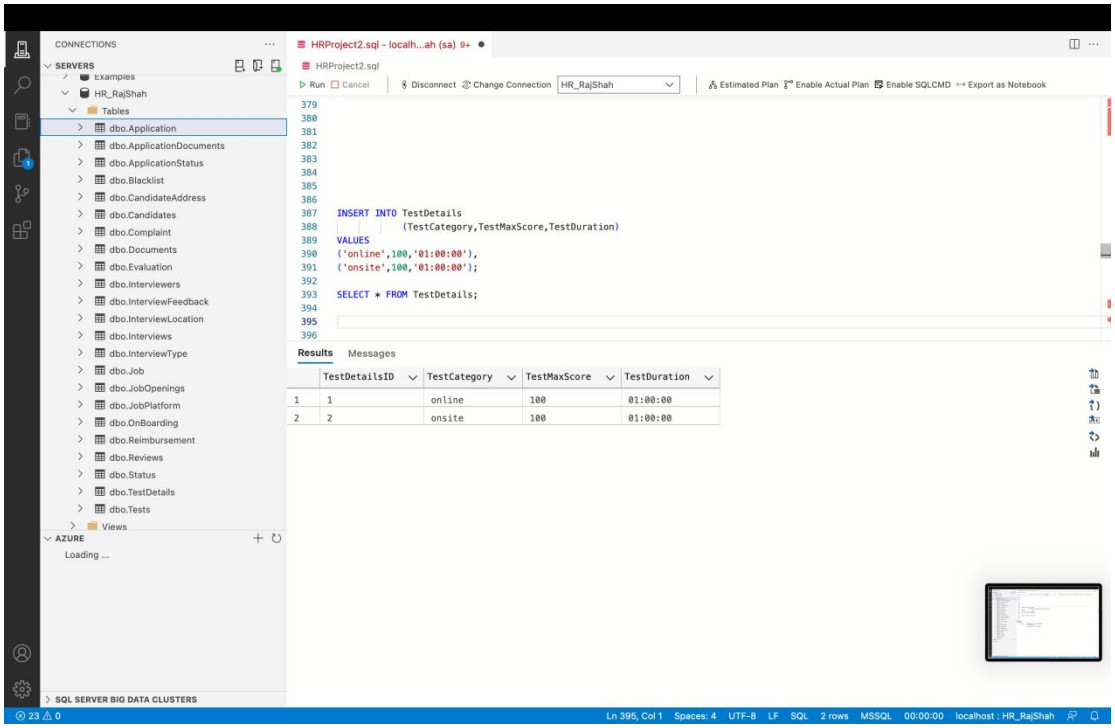

CONNECTIONS
SERVERS
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
Columns
Keys
Constraints
Triggers
Indexes
Statistics
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
421
422
423 INSERT INTO Interviewers(InterviewerID,FirstName,LastName,Title,Department)
424 VALUES
425 (1,'Robin','Sharma','Executives','IT'),
426 (2,'Jon','Repp','Hiring manager','IT'),
427 (3,'Marvin','Mandela','HR manager','HR'),
428 (4,'Aaron','Wanda','Executives','IT'),
429 (5,'Cristiano','Repp','Hiring manager','IT'),
430 (6,'Yash','Joshi','Hiring manager','Marketing'),
431 (7,'Jainam','Gosrani','Executives','Marketing'),
432 (8,'Rohan','Singh','Hiring manager','IT'),
433 (9,'Sonali','Kubde','Executives','IT'),
434 (10,'Saniya','Jain',' Hiring manager','IT');
435
436 SELECT * FROM Interviewers;
437
438
439
Results
Messages
InterviewerID FirstName LastName Title Department
1 1 Robin Sharma Executives IT
2 2 Jon Repp Hiring manager IT
3 3 Marvin Mandela HR manager HR
4 4 Aaron Wanda Executives IT
5 5 Cristiano Repp Hiring manager IT
6 6 Yash Joshi Hiring manager Marketing
7 7 Jainam Gosrani Executives Marketing
8 8 Rohan Singh Hiring manager IT
9 9 Sonali Kubde Executives IT
10 10 Saniya Jain Hiring manager IT
The changes have been successfully published.
Ln 438, Col 1 Spaces: 4 UTF-8 LF SQL 10 rows MSSQL 00:00:00 localhost : HR_RajShah

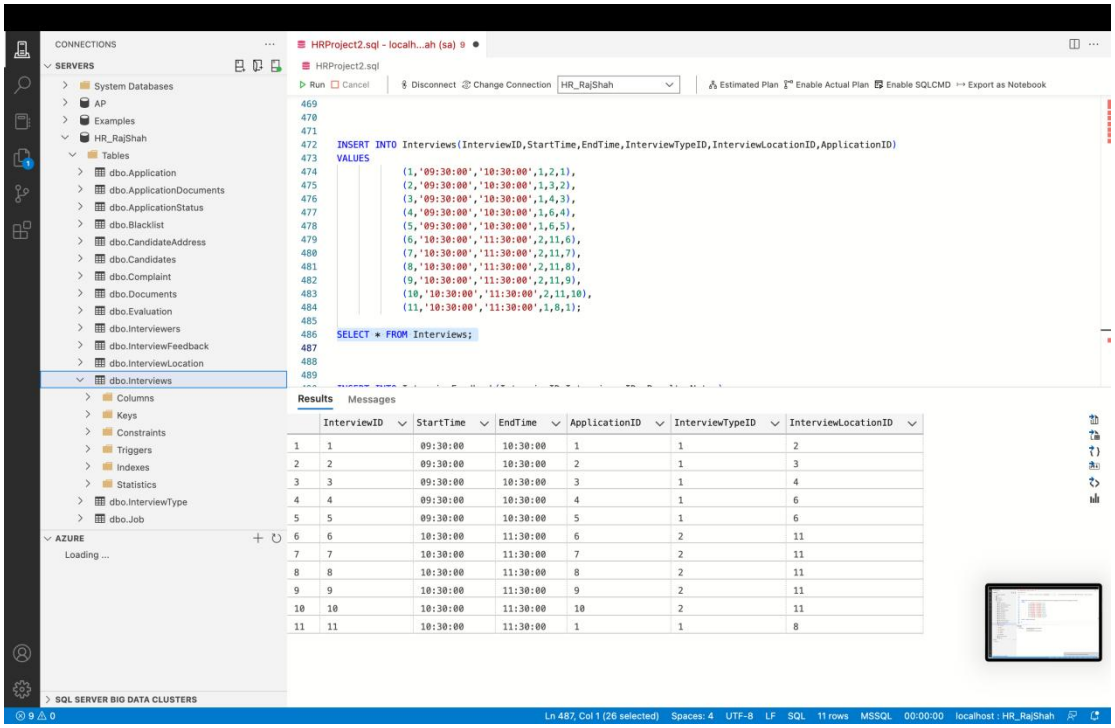

CONNECTIONS
SERVERS
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
396
397
398
399 INSERT INTO InterviewType(InterviewCategory)
400 VALUES
401 ('Onsite'),
402 ('Online');
403
404 SELECT * FROM InterviewType;
405
406
407
408
409
410
411
412
Results
Messages
InterviewTypeID InterviewCategory
1 1 Onsite
2 2 Online
Ln 406, Col 1 Spaces: 4 UTF-8 LF SQL 2 rows MSSQL 00:00:00 localhost : HR_RajShah

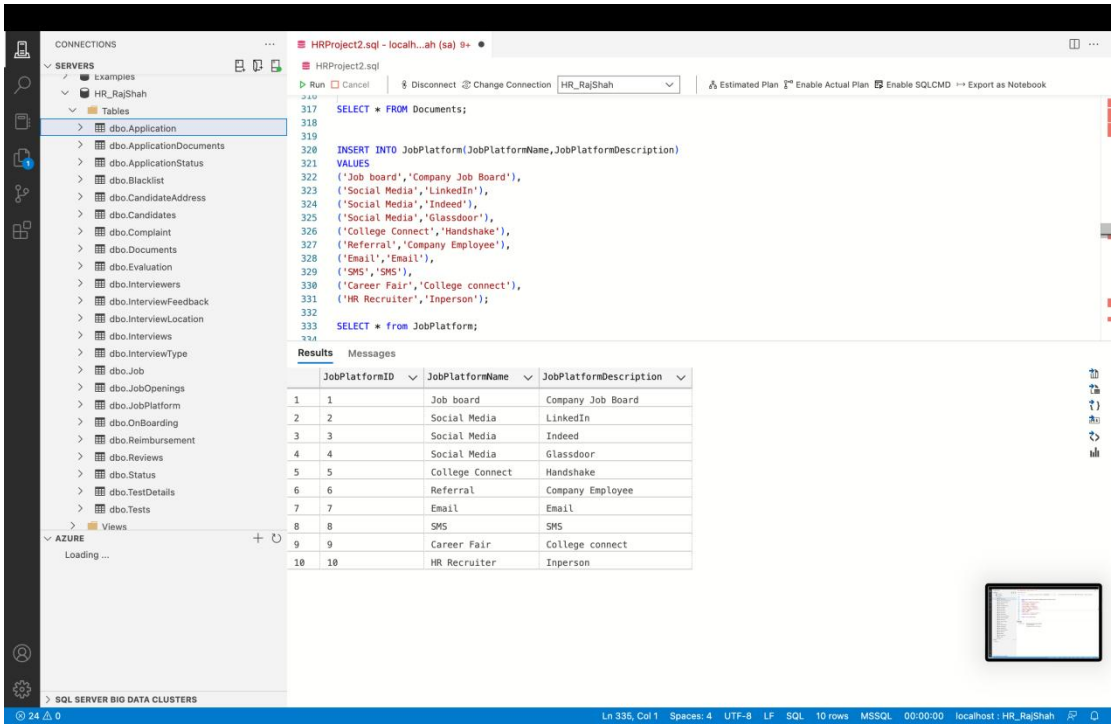

CONNECTIONS
SERVERS
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
on Application.CandidateID=Documents.CandidateID;
INSERT INTO ApplicationDocuments(ApplicationID,DocumentID)
VALUES
(1,1),
(2,2),
(3,3),
(4,4),
(5,5),
(6,6),
(7,7),
(8,8),
(9,8),
(10,9);
SELECT * FROM ApplicationDocuments;
Results
Messages
ApplicationDocumentID
DocumentID
ApplicationID
1 1 1 1
2 2 2 2
3 3 3 3
4 4 4 4
5 5 5 5
6 6 6 6
7 7 7 7
8 8 8 8
9 9 8 9
10 10 9 10
Ln 491, Col 7
Spaces: 4
UTF-8
LF
SQL
10 rows
MSSQL
00:00:00
localhost : HR_RajShah

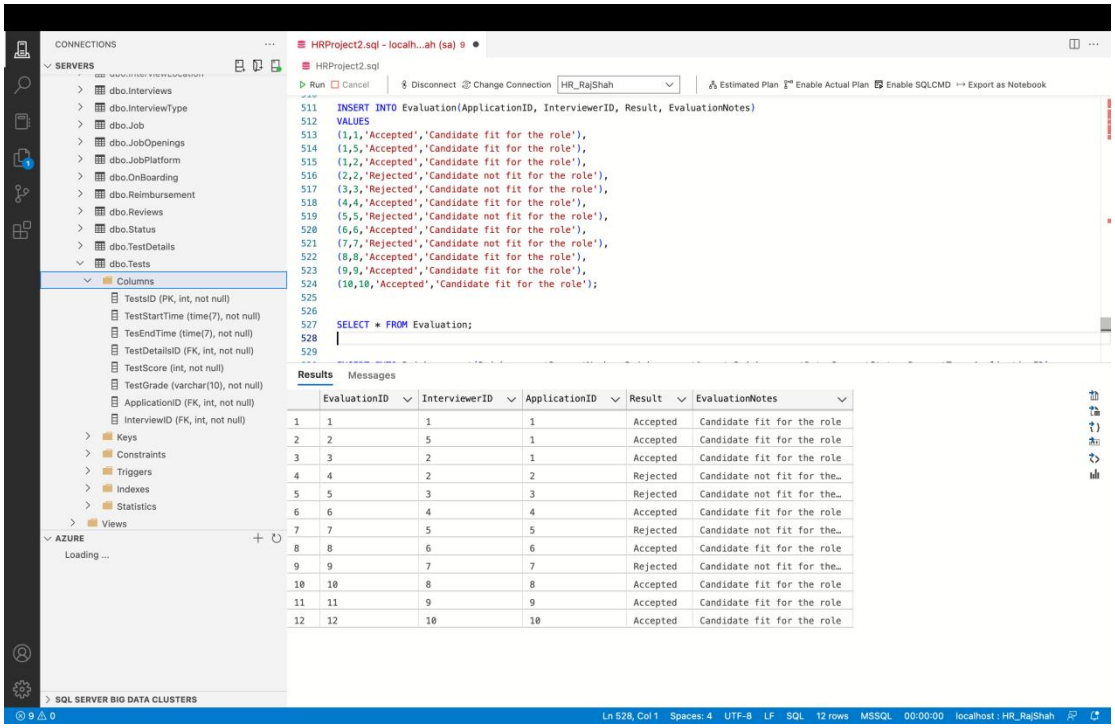

CONNECTIONS
SERVERS
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Application
(CandidateID,ApplicationTimeStamp,Education,WorkExperience,JobOpeningsID)
VALUES
(1,'12-07-2022','MS in Computer Science','Accenture',2),
(2,'12-07-2022','BSC in Computer Science','LTI',1),
(3,'12-07-2022','MS in CS','MindTree',3),
(4,'12-07-2022','MS in Computer Science','Amazon',4),
(5,'12-07-2022','MS in CS','Chewy',5),
(6,'12-07-2022','MS in CS','MindTree',4),
(7,'12-07-2022','MS in Computer Science','Amazon',3),
(8,'12-07-2022','BSC in Computer Science','LTI',4),
(8,'11-22-2022','BSC in Computer Science','LTI',5),
(9,'11-30-2022','MS in Computer Science','Accenture',6);
SELECT * FROM Application;
Results
Messages
ApplicationID
CandidateID
Education
WorkExperience
ApplicationTimeStamp
JobOpeningsID
1 1 1 MS in Computer Science Accenture 2022-12-07 2
2 2 2 BSC in Computer Science LTI 2022-12-07 1
3 3 3 MS in CS MindTree 2022-12-07 3
4 4 4 MS in Computer Science Amazon 2022-12-07 4
5 5 5 MS in CS Chewy 2022-12-07 5
6 6 6 MS in CS MindTree 2022-12-07 4
7 7 7 MS in Computer Science Amazon 2022-12-07 3
8 8 8 BSC in Computer Science LTI 2022-12-07 4
9 9 8 BSC in Computer Science LTI 2022-11-22 5
10 10 9 MS in Computer Science Accenture 2022-11-30 6
Ln 482, Col 1
Spaces: 4
UTF-8
LF
SQL
10 rows
MSSQL
00:00:00
localhost : HR_RajShah

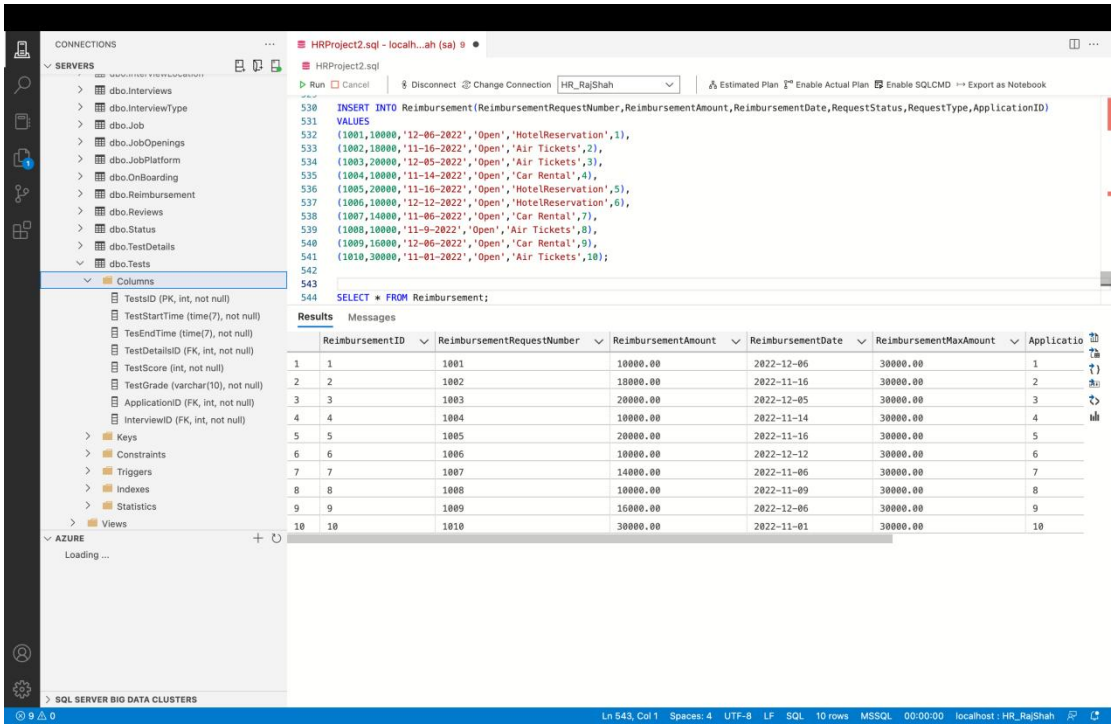

CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa)
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Status(Status)
VALUES
('Declined'),
('Accepted'),
('Negotiating');
SELECT * from Status;
Results
Messages
StatusID
Status
1 1 Declined
2 2 Accepted
3 3 Negotiating
Ln 381, Col 1
Spaces: 4
UTF-8
LF
SQL
3 rows
MSSQL
00:00:00
localhost : HR_RajShah

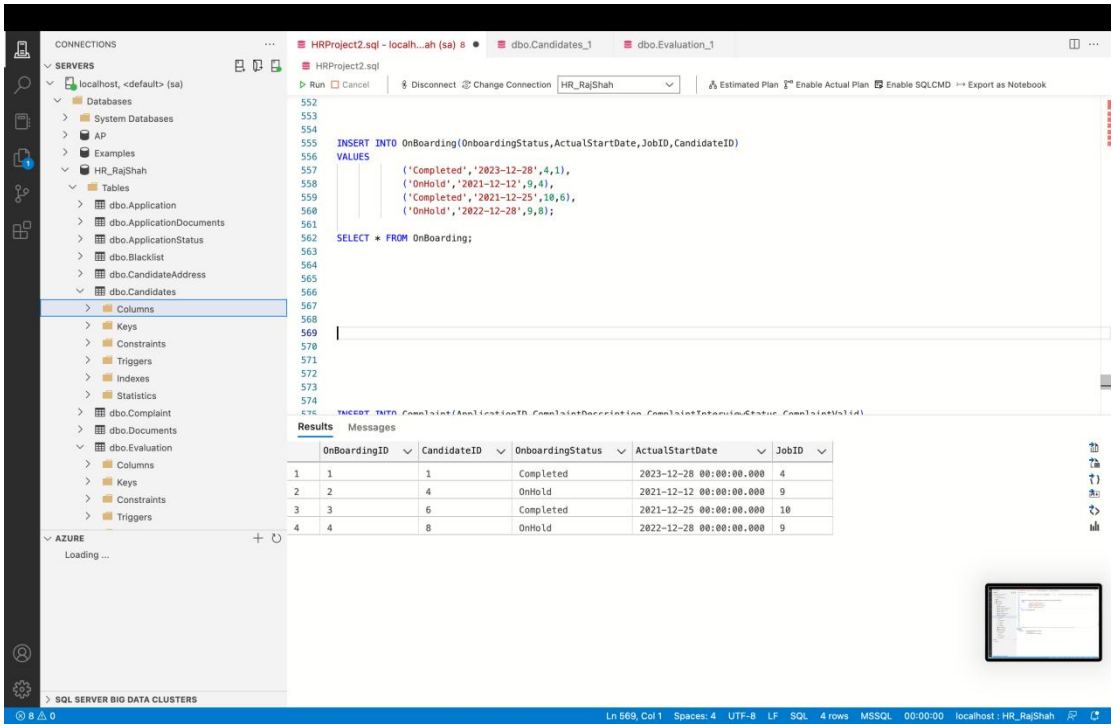

CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa)
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO TestDetails
(TestCategory,TestMaxScore,TestDuration)
VALUES
('online',100,'01:00:00'),
('onsite',100,'01:00:00');
SELECT * FROM TestDetails;
Results
Messages
TestDetailsID
TestCategory
TestMaxScore
TestDuration
1 1 online 100 01:00:00
2 2 onsite 100 01:00:00
Ln 395, Col 1
Spaces: 4
UTF-8
LF
SQL
2 rows
MSSQL
00:00:00
localhost : HR_RajShah

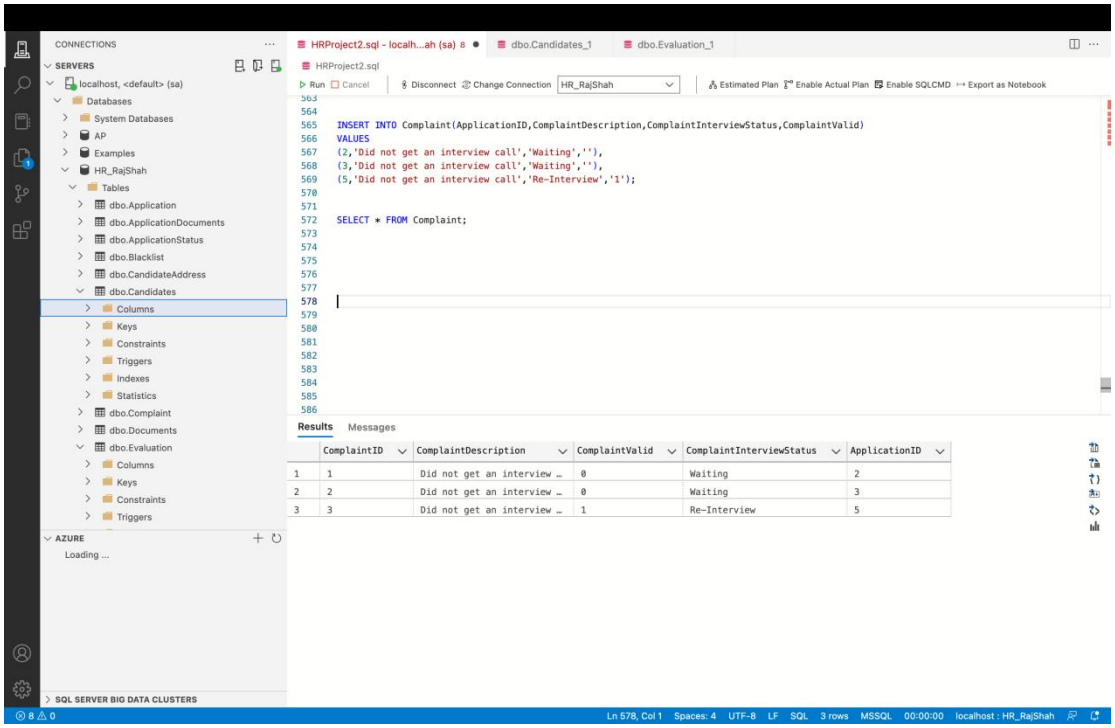

CONNECTIONS
SERVERS
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
Columns
Keys
Constraints
Triggers
Indexes
Statistics
dbo.InterviewType
dbo.Job
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa)
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Interviews(InterviewID,StartTime,EndTime,InterviewTypeID,InterviewLocationID,ApplicationID)
VALUES
(1,'09:30:00','10:30:00',1,2,1),
(2,'09:30:00','10:30:00',1,3,2),
(3,'09:30:00','10:30:00',1,4,3),
(4,'09:30:00','10:30:00',1,6,4),
(5,'09:30:00','10:30:00',1,6,5),
(6,'10:30:00','11:30:00',2,11,6),
(7,'10:30:00','11:30:00',2,11,7),
(8,'10:30:00','11:30:00',2,11,8),
(9,'10:30:00','11:30:00',2,11,9),
(10,'10:30:00','11:30:00',2,11,10),
(11,'10:30:00','11:30:00',1,8,1);
SELECT * FROM Interviews;
Results
Messages
InterviewID StartTime EndTime ApplicationID InterviewTypeID InterviewLocationID
1 1 09:30:00 10:30:00 1 1 2
2 2 09:30:00 10:30:00 2 1 3
3 3 09:30:00 10:30:00 3 1 4
4 4 09:30:00 10:30:00 4 1 6
5 5 09:30:00 10:30:00 5 1 6
6 6 10:30:00 11:30:00 6 2 11
7 7 10:30:00 11:30:00 7 2 11
8 8 10:30:00 11:30:00 8 2 11
9 9 10:30:00 11:30:00 9 2 11
10 10 10:30:00 11:30:00 10 2 11
11 11 10:30:00 11:30:00 1 1 8
Ln 487, Col 1 (26 selected) Spaces: 4 UTF-8 LF SQL 11 rows MSSQL 00:00:00 localhost : HR_RajShah

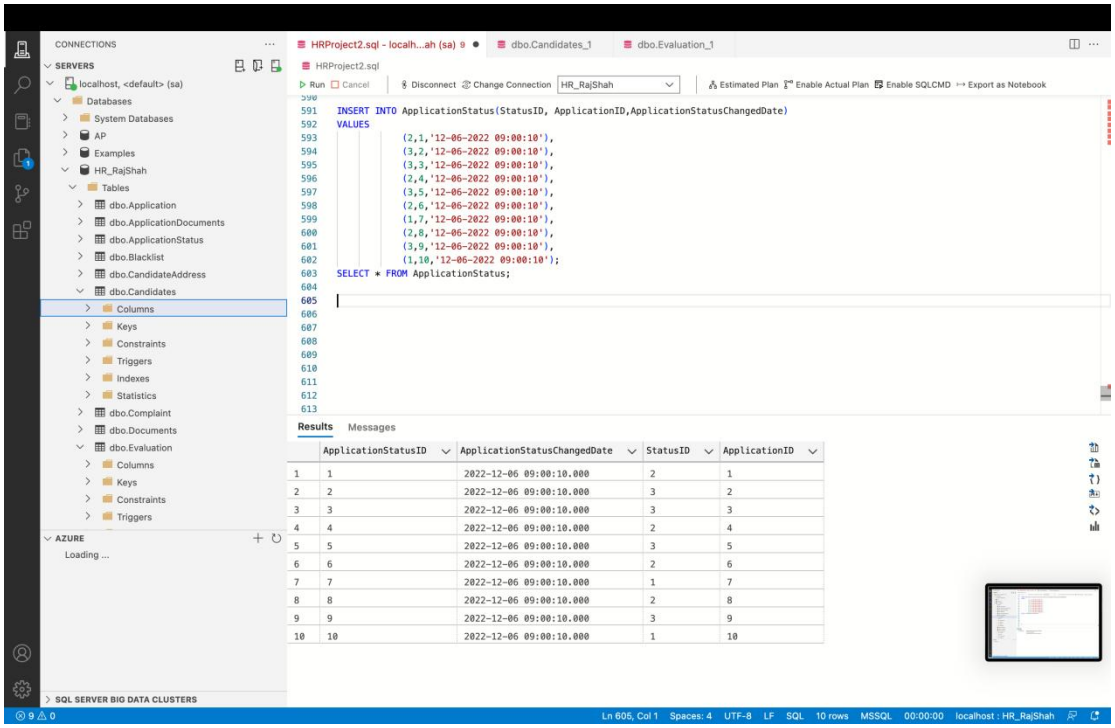

CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa)
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
SELECT * FROM Documents;
INSERT INTO JobPlatform(JobPlatformName,JobPlatformDescription)
VALUES
('Job board','Company Job Board'),
('Social Media','LinkedIn'),
('Social Media','Indeed'),
('Social Media','Glassdoor'),
('College Connect','Handshake'),
('Referral','Company Employee'),
('Email','Email'),
('SMS','SMS'),
('Career Fair','College connect'),
('HR Recruiter','Inperson');
SELECT * from JobPlatform;
Results
Messages
JobPlatformID JobPlatformName JobPlatformDescription
1 1 Job board Company Job Board
2 2 Social Media LinkedIn
3 3 Social Media Indeed
4 4 Social Media Glassdoor
5 5 College Connect Handshake
6 6 Referral Company Employee
7 7 Email Email
8 8 SMS SMS
9 9 Career Fair College connect
10 10 HR Recruiter Inperson
Ln 335, Col 1 Spaces: 4 UTF-8 LF SQL 10 rows MSSQL 00:00:00 localhost : HR_RajShah

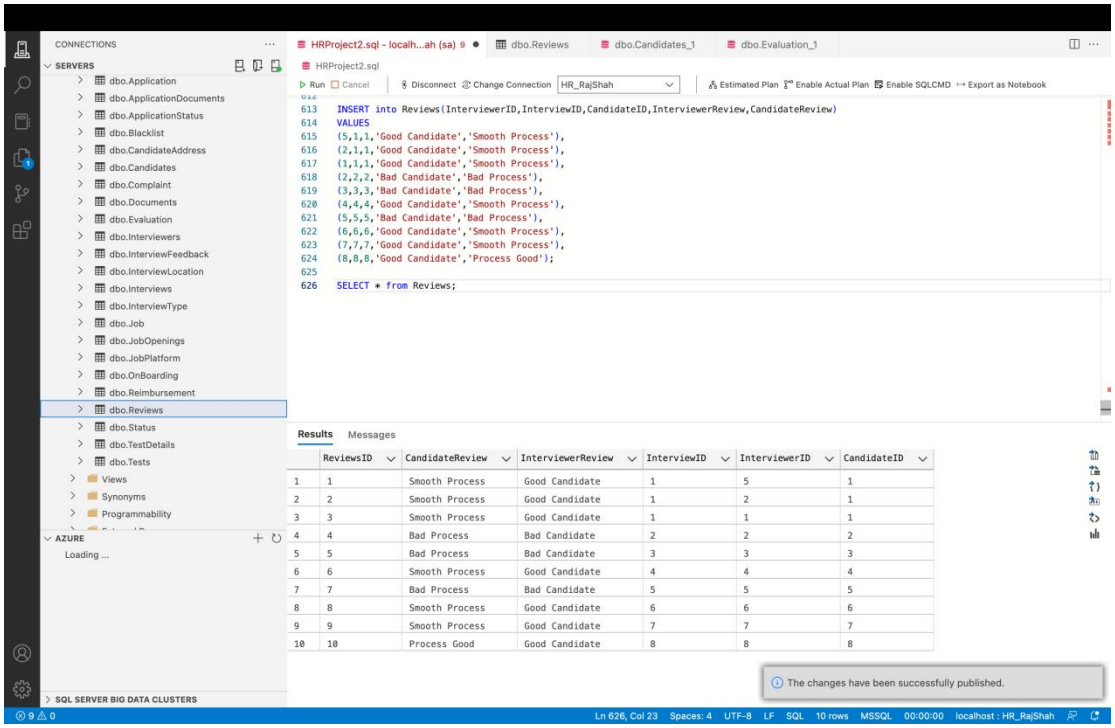

CONNECTIONS
SERVERS
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Columns
TestsID (PK, int, not null)
TestStartTime (time(7), not null)
TesEndTime (time(7), not null)
TestDetailsID (FK, int, not null)
TestScore (int, not null)
TestGrade (varchar(10), not null)
ApplicationID (FK, int, not null)
InterviewID (FK, int, not null)
Keys
Constraints
Triggers
Indexes
Statistics
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa)
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Evaluation(ApplicationID, InterviewerID, Result, EvaluationNotes)
VALUES
(1,1,'Accepted','Candidate fit for the role'),
(1,5,'Accepted','Candidate fit for the role'),
(1,2,'Accepted','Candidate fit for the role'),
(2,2,'Rejected','Candidate not fit for the role'),
(3,3,'Rejected','Candidate not fit for the role'),
(4,4,'Accepted','Candidate fit for the role'),
(5,5,'Rejected','Candidate not fit for the role'),
(6,6,'Accepted','Candidate fit for the role'),
(7,7,'Rejected','Candidate not fit for the role'),
(8,8,'Accepted','Candidate fit for the role'),
(9,9,'Accepted','Candidate fit for the role'),
(10,10,'Accepted','Candidate fit for the role');
SELECT * FROM Evaluation;
Results
Messages
EvaluationID InterviewerID ApplicationID Result EvaluationNotes
1 1 1 1 Accepted Candidate fit for the role
2 2 5 1 Accepted Candidate fit for the role
3 3 2 1 Accepted Candidate fit for the role
4 4 2 2 Rejected Candidate not fit for the…
5 5 3 3 Rejected Candidate not fit for the…
6 6 4 4 Accepted Candidate fit for the role
7 7 5 5 Rejected Candidate not fit for the…
8 8 6 6 Accepted Candidate fit for the role
9 9 7 7 Rejected Candidate not fit for the…
10 10 8 8 Accepted Candidate fit for the role
11 11 9 9 Accepted Candidate fit for the role
12 12 10 10 Accepted Candidate fit for the role
Ln 528, Col 1 Spaces: 4 UTF-8 LF SQL 12 rows MSSQL 00:00:00 localhost : HR_RajShah

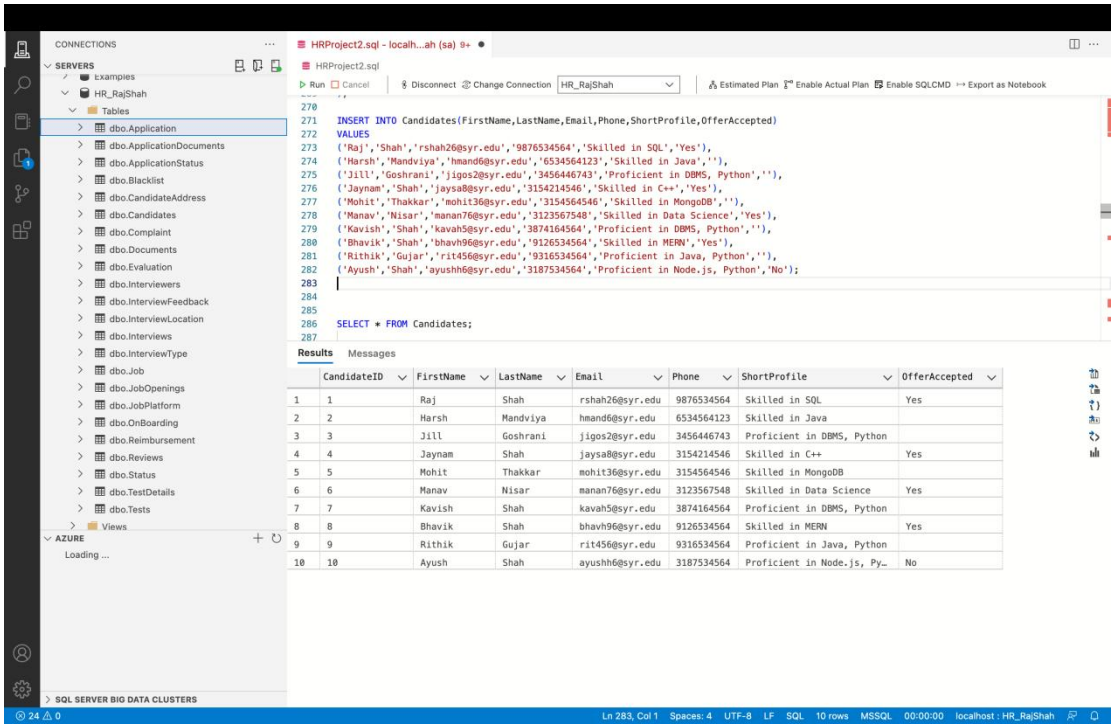

CONNECTIONS
SERVERS
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Columns
TestsID (PK, int, not null)
TestStartTime (time(7), not null)
TesEndTime (time(7), not null)
TestDetailsID (FK, int, not null)
TestScore (int, not null)
TestGrade (varchar(10), not null)
ApplicationID (FK, int, not null)
InterviewID (FK, int, not null)
Keys
Constraints
Triggers
Indexes
Statistics
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa)
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Reimbursement(ReimbursementRequestNumber,ReimbursementAmount,ReimbursementDate,RequestStatus,RequestType,ApplicationID)
VALUES
(1001,10000,'12-06-2022','Open','HotelReservation',1),
(1002,18000,'11-16-2022','Open','Air Tickets',2),
(1003,20000,'12-05-2022','Open','Air Tickets',3),
(1004,10000,'11-14-2022','Open','Car Rental',4),
(1005,20000,'11-16-2022','Open','HotelReservation',5),
(1006,10000,'12-12-2022','Open','HotelReservation',6),
(1007,14000,'11-06-2022','Open','Car Rental',7),
(1008,18000,'11-9-2022','Open','Air Tickets',8),
(1009,16000,'12-06-2022','Open','Car Rental',9),
(1010,30000,'11-01-2022','Open','Air Tickets',10);
SELECT * FROM Reimbursement;
Results
Messages
ReimbursementID ReimbursementRequestNumber ReimbursementAmount ReimbursementDate ReimbursementMaxAmount Applicatio
1 1 1001 10000.00 2022-12-06 30000.00 1
2 2 1002 18000.00 2022-11-16 30000.00 2
3 3 1003 20000.00 2022-12-05 30000.00 3
4 4 1004 10000.00 2022-11-14 30000.00 4
5 5 1005 20000.00 2022-11-16 30000.00 5
6 6 1006 10000.00 2022-12-12 30000.00 6
7 7 1007 14000.00 2022-11-06 30000.00 7
8 8 1008 10000.00 2022-11-09 30000.00 8
9 9 1009 16000.00 2022-12-06 30000.00 9
10 10 1010 30000.00 2022-11-01 30000.00 10
Ln 543, Col 1 Spaces: 4 UTF-8 LF SQL 10 rows MSSQL 00:00:00 localhost : HR_RajShah

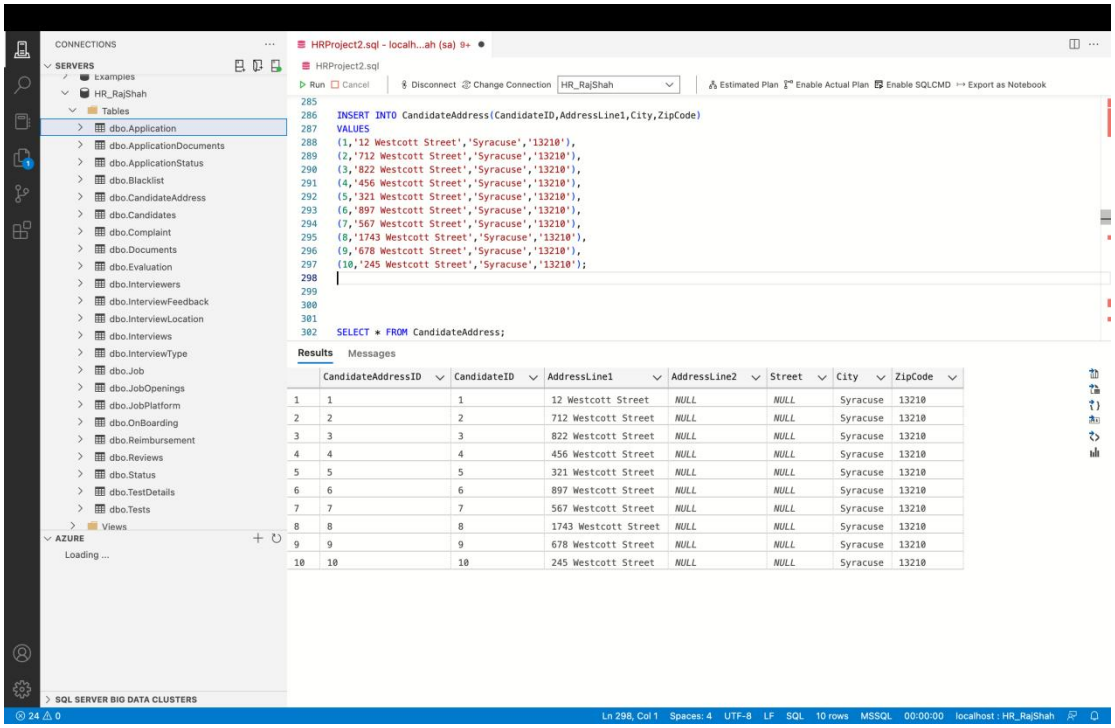

CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
Columns
Keys
Constraints
Triggers
Indexes
Statistics
dbo.Complaint
dbo.Documents
dbo.Evaluation
Columns
Keys
Constraints
Triggers
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 8
dbo.Candidates_1
dbo.Evaluation_1
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
552
553
554
555 INSERT INTO OnBoarding(OnboardingStatus,ActualStartDate,JobID,CandidateID)
556 VALUES
557 ('Completed','2023-12-28',4,1),
558 ('OnHold','2021-12-12',9,4),
559 ('Completed','2021-12-25',10,6),
560 ('OnHold','2022-12-28',9,8);
561
562 SELECT * FROM OnBoarding;
563
564
565
566
567
568
569
570
571
572
573
574
Results
Messages
OnBoardingID CandidateID OnboardingStatus ActualStartDate JobID
1 1 1 Completed 2023-12-28 00:00:00.000 4
2 2 4 OnHold 2021-12-12 00:00:00.000 9
3 3 6 Completed 2021-12-25 00:00:00.000 10
4 4 8 OnHold 2022-12-28 00:00:00.000 9
Ln 569, Col 1 Spaces: 4 UTF-8 LF SQL 4 rows MSSQL 00:00:00 localhost : HR_RajShah

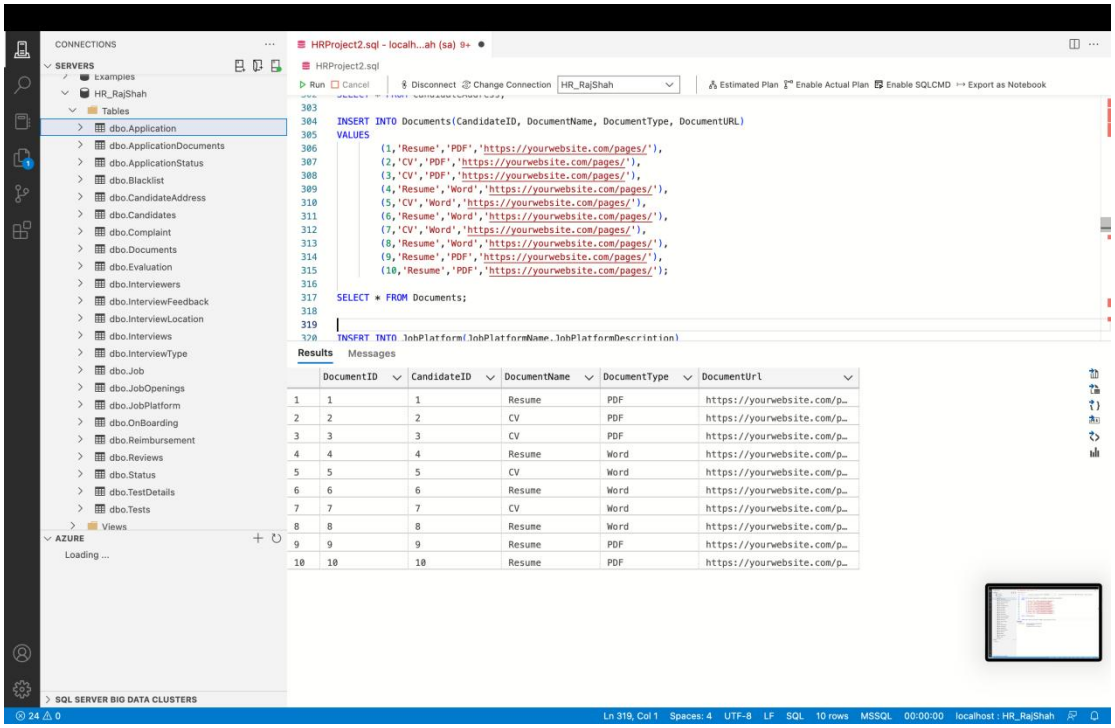

CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
Columns
Keys
Constraints
Triggers
Indexes
Statistics
dbo.Complaint
dbo.Documents
dbo.Evaluation
Columns
Keys
Constraints
Triggers
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 8
dbo.Candidates_1
dbo.Evaluation_1
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
563
564
565 INSERT INTO Complaint(ApplicationID,ComplaintDescription,ComplaintInterviewStatus,ComplaintValid)
566 VALUES
567 (2,'Did not get an interview call','Waiting',''),
568 (3,'Did not get an interview call','Waiting',''),
569 (5,'Did not get an interview call','Re-Interview','1');
570
571
572 SELECT * FROM Complaint;
573
574
575
576
577
578
579
580
581
582
583
584
585
586
Results
Messages
ComplaintID ComplaintDescription ComplaintValid ComplaintInterviewStatus ApplicationID
1 1 Did not get an interview … 0 Waiting 2
2 2 Did not get an interview … 0 Waiting 3
3 3 Did not get an interview … 1 Re-Interview 5
Ln 578, Col 1 Spaces: 4 UTF-8 LF SQL 3 rows MSSQL 00:00:00 localhost : HR_RajShah

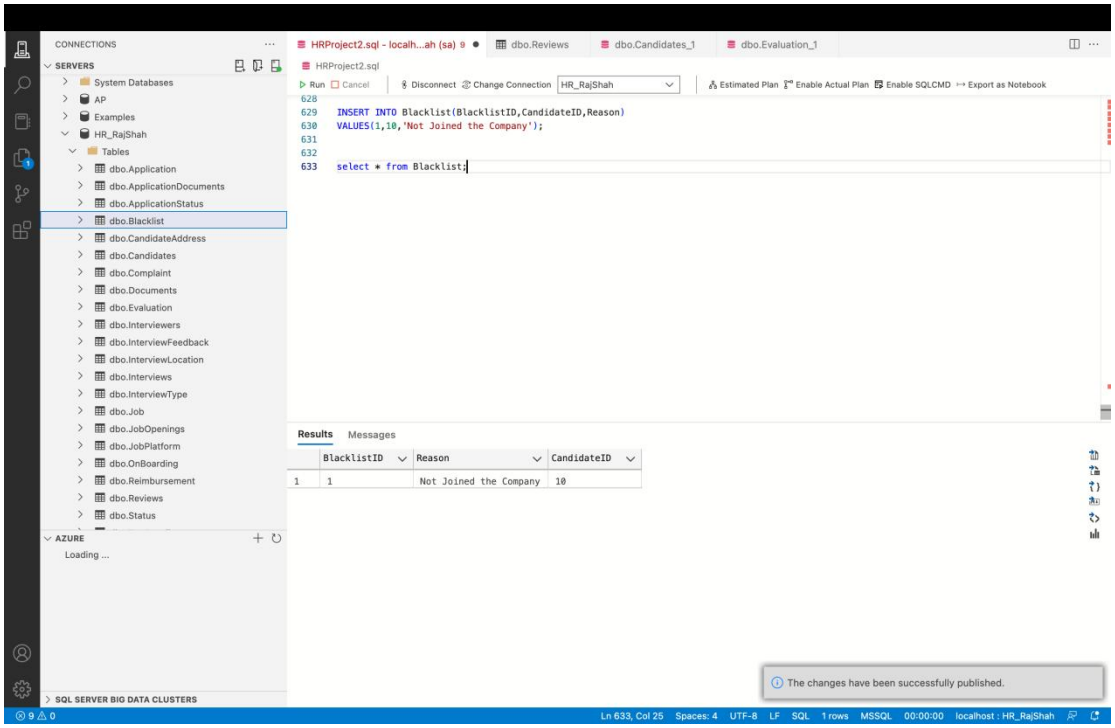

CONNECTIONS
SERVERS
localhost, <default> (sa)
Databases
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
Columns
Keys
Constraints
Triggers
Indexes
Statistics
dbo.Complaint
dbo.Documents
dbo.Evaluation
Columns
Keys
Constraints
Triggers
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9
dbo.Candidates_1
dbo.Evaluation_1
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO ApplicationStatus(StatusID, ApplicationID,ApplicationStatusChangedDate)
VALUES
(2,1,'12-06-2022 09:00:10'),
(3,2,'12-06-2022 09:00:10'),
(3,3,'12-06-2022 09:00:10'),
(2,4,'12-06-2022 09:00:10'),
(3,5,'12-06-2022 09:00:10'),
(2,6,'12-06-2022 09:00:10'),
(1,7,'12-06-2022 09:00:10'),
(2,8,'12-06-2022 09:00:10'),
(3,9,'12-06-2022 09:00:10'),
(1,10,'12-06-2022 09:00:10');
SELECT * FROM ApplicationStatus;
Results
Messages
ApplicationStatusID
ApplicationStatusChangedDate
StatusID
ApplicationID
1 1 2022-12-06 09:00:10.000 2 1
2 2 2022-12-06 09:00:10.000 3 2
3 3 2022-12-06 09:00:10.000 3 3
4 4 2022-12-06 09:00:10.000 2 4
5 5 2022-12-06 09:00:10.000 3 5
6 6 2022-12-06 09:00:10.000 2 6
7 7 2022-12-06 09:00:10.000 1 7
8 8 2022-12-06 09:00:10.000 2 8
9 9 2022-12-06 09:00:10.000 3 9
10 10 2022-12-06 09:00:10.000 1 10
Ln 605, Col 1
Spaces: 4
UTF-8
LF
SQL
10 rows
MSSQL
00:00:00
localhost : HR_RajShah

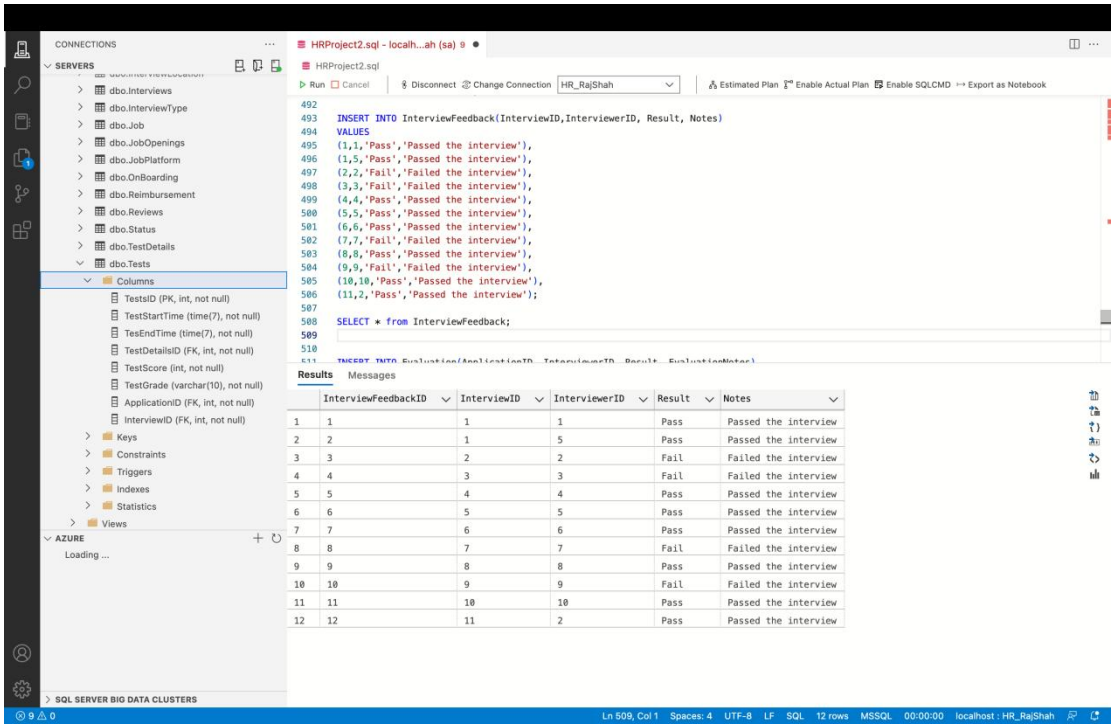

CONNECTIONS
SERVERS
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
Synonyms
Programmability
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9
dbo.Reviews
dbo.Candidates_1
dbo.Evaluation_1
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT into Reviews(InterviewerID,InterviewID,CandidateID,InterviewerReview,CandidateReview)
VALUES
(5,1,1,'Good Candidate','Smooth Process'),
(2,1,1,'Good Candidate','Smooth Process'),
(1,1,1,'Good Candidate','Smooth Process'),
(2,2,2,'Bad Candidate','Bad Process'),
(3,3,3,'Bad Candidate','Bad Process'),
(4,4,4,'Good Candidate','Smooth Process'),
(5,5,5,'Bad Candidate','Bad Process'),
(6,6,6,'Good Candidate','Smooth Process'),
(7,7,7,'Good Candidate','Smooth Process'),
(8,8,8,'Good Candidate','Process Good');
SELECT * from Reviews;
Results
Messages
ReviewsID
CandidateReview
InterviewerReview
InterviewID
InterviewerID
CandidateID
1 1 Smooth Process Good Candidate 1 5 1
2 2 Smooth Process Good Candidate 1 2 1
3 3 Smooth Process Good Candidate 1 1 1
4 4 Bad Process Bad Candidate 2 2 2
5 5 Bad Process Bad Candidate 3 3 3
6 6 Smooth Process Good Candidate 4 4 4
7 7 Bad Process Bad Candidate 5 5 5
8 8 Smooth Process Good Candidate 6 6 6
9 9 Smooth Process Good Candidate 7 7 7
10 10 Process Good Good Candidate 8 8 8
The changes have been successfully published.
Ln 626, Col 23
Spaces: 4
UTF-8
LF
SQL
10 rows
MSSQL
00:00:00
localhost : HR_RajShah

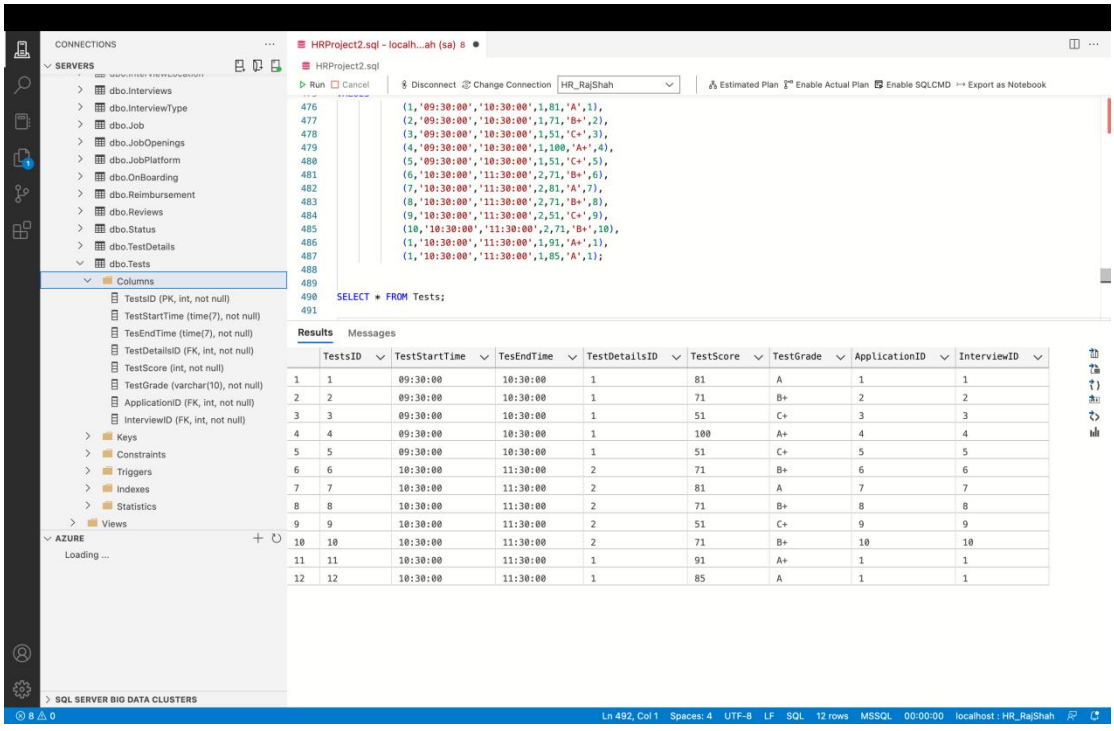

CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Candidates(FirstName,LastName,Email,Phone,ShortProfile,OfferAccepted)
VALUES
('Raj','Shah','rshah26@syr.edu','9876534564','Skilled in SQL','Yes'),
('Harsh','Mandviya','hmand6@syr.edu','6534564123','Skilled in Java',''),
('Jill','Goshrani','jigos2@syr.edu','3456446743','Proficient in DBMS, Python',''),
('Jaynam','Shah','jaysa8@syr.edu','3154214546','Skilled in C++','Yes'),
('Mohit','Thakkar','mohit36@syr.edu','3154564546','Skilled in MongoDB',''),
('Manav','Nisar','manan76@syr.edu','3123567548','Skilled in Data Science','Yes'),
('Kavish','Shah','kavah5@syr.edu','3874164564','Proficient in DBMS, Python',''),
('Bhavik','Shah','bhavh96@syr.edu','9126534564','Skilled in MERN','Yes'),
('Rithik','Gujar','rit456@syr.edu','9316534564','Proficient in Java, Python',''),
('Ayush','Shah','ayushh6@syr.edu','3187534564','Proficient in Node.js, Python','No');
SELECT * FROM Candidates;
Results
Messages
CandidateID FirstName LastName Email Phone ShortProfile OfferAccepted
1 1 Raj Shah rshah26@syr.edu 9876534564 Skilled in SQL Yes
2 2 Harsh Mandviya hmand6@syr.edu 6534564123 Skilled in Java
3 3 Jill Goshrani jigos2@syr.edu 3456446743 Proficient in DBMS, Python
4 4 Jaynam Shah jaysa8@syr.edu 3154214546 Skilled in C++ Yes
5 5 Mohit Thakkar mohit36@syr.edu 3154564546 Skilled in MongoDB
6 6 Manav Nisar manan76@syr.edu 3123567548 Skilled in Data Science Yes
7 7 Kavish Shah kavah5@syr.edu 3874164564 Proficient in DBMS, Python
8 8 Bhavik Shah bhavh96@syr.edu 9126534564 Skilled in MERN Yes
9 9 Rithik Gujar rit456@syr.edu 9316534564 Proficient in Java, Python
10 10 Ayush Shah ayushh6@syr.edu 3187534564 Proficient in Node.js, Py… No
Ln 283, Col 1 Spaces: 4 UTF-8 LF SQL 10 rows MSSQL 00:00:00 localhost : HR_RajShah


CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO CandidateAddress(CandidateID,AddressLine1,City,ZipCode)
VALUES
(1,'12 Westcott Street','Syracuse','13210'),
(2,'712 Westcott Street','Syracuse','13210'),
(3,'822 Westcott Street','Syracuse','13210'),
(4,'456 Westcott Street','Syracuse','13210'),
(5,'321 Westcott Street','Syracuse','13210'),
(6,'897 Westcott Street','Syracuse','13210'),
(7,'567 Westcott Street','Syracuse','13210'),
(8,'1743 Westcott Street','Syracuse','13210'),
(9,'678 Westcott Street','Syracuse','13210'),
(10,'245 Westcott Street','Syracuse','13210');
SELECT * FROM CandidateAddress;
Results
Messages
CandidateAddressID CandidateID AddressLine1 AddressLine2 Street City ZipCode
1 1 1 12 Westcott Street NULL NULL Syracuse 13210
2 2 2 712 Westcott Street NULL NULL Syracuse 13210
3 3 3 822 Westcott Street NULL NULL Syracuse 13210
4 4 4 456 Westcott Street NULL NULL Syracuse 13210
5 5 5 321 Westcott Street NULL NULL Syracuse 13210
6 6 6 897 Westcott Street NULL NULL Syracuse 13210
7 7 7 567 Westcott Street NULL NULL Syracuse 13210
8 8 8 1743 Westcott Street NULL NULL Syracuse 13210
9 9 9 678 Westcott Street NULL NULL Syracuse 13210
10 10 10 245 Westcott Street NULL NULL Syracuse 13210
Ln 298, Col 1 Spaces: 4 UTF-8 LF SQL 10 rows MSSQL 00:00:00 localhost : HR_RajShah


CONNECTIONS
SERVERS
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
dbo.TestDetails
dbo.Tests
Views
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9+
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Documents(CandidateID, DocumentName, DocumentType, DocumentURL)
VALUES
(1,'Resume','PDF','https://yourwebsite.com/pages/'),
(2,'CV','PDF','https://yourwebsite.com/pages/'),
(3,'CV','PDF','https://yourwebsite.com/pages/'),
(4,'Resume','Word','https://yourwebsite.com/pages/'),
(5,'CV','Word','https://yourwebsite.com/pages/'),
(6,'Resume','Word','https://yourwebsite.com/pages/'),
(7,'CV','Word','https://yourwebsite.com/pages/'),
(8,'Resume','Word','https://yourwebsite.com/pages/'),
(9,'Resume','PDF','https://yourwebsite.com/pages/'),
(10,'Resume','PDF','https://yourwebsite.com/pages/');
SELECT * FROM Documents;
Results
Messages
DocumentID CandidateID DocumentName DocumentType DocumentUrl
1 1 1 Resume PDF https://yourwebsite.com/p...
2 2 2 CV PDF https://yourwebsite.com/p...
3 3 3 CV PDF https://yourwebsite.com/p...
4 4 4 Resume Word https://yourwebsite.com/p...
5 5 5 CV Word https://yourwebsite.com/p...
6 6 6 Resume Word https://yourwebsite.com/p...
7 7 7 CV Word https://yourwebsite.com/p...
8 8 8 Resume Word https://yourwebsite.com/p...
9 9 9 Resume PDF https://yourwebsite.com/p...
10 10 10 Resume PDF https://yourwebsite.com/p...
Ln 319, Col 1 Spaces: 4 UTF-8 LF SQL 10 rows MSSQL 00:00:00 localhost : HR_RajShah


CONNECTIONS
SERVERS
System Databases
AP
Examples
HR_RajShah
Tables
dbo.Application
dbo.ApplicationDocuments
dbo.ApplicationStatus
dbo.Blacklist
dbo.CandidateAddress
dbo.Candidates
dbo.Complaint
dbo.Documents
dbo.Evaluation
dbo.Interviewers
dbo.InterviewFeedback
dbo.InterviewLocation
dbo.Interviews
dbo.InterviewType
dbo.Job
dbo.JobOpenings
dbo.JobPlatform
dbo.OnBoarding
dbo.Reimbursement
dbo.Reviews
dbo.Status
AZURE
Loading ...
SQL SERVER BIG DATA CLUSTERS
HRProject2.sql - localh...ah (sa) 9
dbo.Reviews
dbo.Candidates_1
dbo.Evaluation_1
HRProject2.sql
Run
Cancel
Disconnect
Change Connection
HR_RajShah
Estimated Plan
Enable Actual Plan
Enable SQLCMD
Export as Notebook
INSERT INTO Blacklist(BlacklistID,CandidateID,Reason)
VALUES(1,10,'Not Joined the Company');
select * from Blacklist;
Results
Messages
BlacklistID Reason CandidateID
1 1 Not Joined the Company 10
The changes have been successfully published.
Ln 633, Col 25 Spaces: 4 UTF-8 LF SQL 1 rows MSSQL 00:00:00 localhost : HR_RajShah





All the screenshots attached above contains my name in Database as HR_RajShah.