SQL Commands

-- Table to store employee information

CREATE TABLE Employees (

EmployeeID INT PRIMARY KEY,

FirstName VARCHAR(50),

LastName VARCHAR(50),

DepartmentID INT,

Position VARCHAR(50),

HireDate DATE,

Salary DECIMAL(10, 2),

Status VARCHAR(10),

CONSTRAINT UC\_Employee UNIQUE (FirstName, LastName)

Select \* From Employees

-- Inserting data into the Employees table

INSERT INTO Employees (EmployeeID, FirstName, LastName, DepartmentID, Position, HireDate, Salary, Status)

VALUES

(10001, 'Chinedu', 'Okonkwo', 31001, 'HR Manager', '2021-05-10', 60000.00, 'Current'),

(10002, 'Ngozi', 'Eze', 31002, 'Finance Analyst', '2021-06-15', 55000.00, 'Current'),

(10003, 'Emeka', 'Adekunle', 31003, 'Sof,tware Engineer', '2021-07-20', 65000.00, 'Current'),

(10004, 'Ifeoma', 'Ibrahim', 31004, 'Operations Manager', '2021-08-25', 70000, 'Past'),

(10005, 'Obinna', 'Abubakar', 31005, 'Sales Manager', '2021-09-30', 75000, 'Current'),

(10006, 'Chinyere', 'Okafor', 31001, 'HR Assistant', '2021-10-05', 45000, 'Past'),

(10007, 'Olufemi', 'Oni', 31002, 'Financial Analyst', '2021-11-10', 50000, 'Current'),

(10008, 'Ayodele', 'Lawal', 31003, 'Software Developer', '2021-12-15', 60000, 'Past'),

(10009, 'Ijeoma', 'Adeyemi', 31004, 'Operations Analyst', '2022-01-20', 55000, 'Current'),

(10010, 'Chukwudi', 'Adebayo', 31005, 'Sales Associate', '2022-02-25', 48000, 'Current'),

(10011, 'Chinwe', 'Obi', 31001, 'HR Manager', '2022-03-05', 60000, 'Current'),

(10012, 'Yakubu', 'Akande', 31002, 'Finance Analyst', '2022-04-10', 55000, 'Past'),

(10013, 'Funmilayo', 'Balogun', 31003, 'Software Engineer', '2022-05-15', 65000, 'Current'),

(10014, 'Adewale', 'Mohammed', 31004, 'Operations Manager', '2022-06-20', 70000, 'Current'),

(10015, 'Nneka', 'Okoro', 31005, 'Sales Manager', '2022-07-25', 75000, 'Past'),

(10016, 'Chioma', 'Akinwumi', 31001, 'HR Assistant', '2022-08-30', 45000, 'Current'),

(10017, 'Taiwo', 'Bakare', 31002, 'Financial Analyst', '2022-09-05', 50000, 'Current'),

(10018, 'Chinedum', 'Bello', 31003, 'Software Developer', '2022-10-10', 60000, 'Past'),

(10019, 'Ngozi', 'Hassan', 31004, 'Operations Analyst', '2022-11-15', 55000, 'Current'),

(10020, 'Ayomide', 'Okoli', 31005, 'Sales Associate', '2022-12-20', 48000, 'Current'),

(10021, 'Ebuka', 'Aliyu', 31001, 'HR Manager', '2023-01-25', 60000, 'Current'),

(10022, 'Ifeoluwa', 'Idris', 31002, 'Finance Analyst', '2023-02-10', 55000, 'Current'),

(10023, 'Chiamaka', 'Musa', 31003, 'Software Engineer', '2023-03-15', 65000, 'Current'),

(10024, 'Chibuzo', 'Odunlade', 31004, 'Operations Manager', '2023-04-20', 70000, 'Current'),

(10025, 'Obianuju', 'Yusuf', 31005, 'Sales Manager', '2023-05-25', 75000, 'Past'),

(10026, 'Aminat', 'Ahmed', 31001, 'HR Assistant', '2023-06-30', 45000, 'Current'),

(10027, 'Tochukwu', 'Lawanson', 31002, 'Financial Analyst', '2023-07-05', 50000, 'Current'),

(10028, 'Oluwatoyin', 'Okafor', 31003, 'Software Developer', '2023-08-10', 60000, 'Current'),

(10029, 'Oluwaseun', 'Yusuf', 31004, 'Operations Analyst', '2023-09-15', 55000, 'Current'),

(10030, 'Chidera', 'Abubakar', 31005, 'Sales Associate', '2023-10-20', 48000, 'Current'),

(10031, 'Ife', 'Adebayo', 31001, 'HR Manager', '2023-11-25', 60000, 'Current'),

(10032, 'Kehinde', 'Okonkwo', 31002, 'Finance Analyst', '2023-12-30', 55000, 'Current'),

(10033, 'Oluwakemi', 'Eze', 31003, 'Software Engineer', '2024-01-05', 65000, 'Current'),

(10034, 'Chidinma', 'Adekunle', 31004, 'Operations Manager', '2024-02-10', 70000, 'Past'),

(10035, 'Abdulahi', 'Abubakar', 31005, 'Sales Manager', '2024-03-15', 75000, 'Current'),

(10036, 'Bukola', 'Okafor', 31001, 'HR Assistant', '2024-04-20', 45000, 'Current'),

(10037, 'Oluwaseyi', 'Oni', 31002, 'Financial Analyst', '2024-05-25', 50000, 'Current'),

(10038, 'Olamide', 'Lawal', 31003, 'Software Developer', '2024-06-30', 60000, 'Past'),

(10039, 'Temitope', 'Adeyemi', 31004, 'Operations Analyst', '2024-07-05', 55000, 'Current'),

(10040, 'Nkechi', 'Adebayo', 31005, 'Sales Associate', '2024-08-10', 48000, 'Current'),

(10041, 'Chinonye', 'Okonkwo', 31001, 'HR Manager', '2024-09-15', 60000, 'Current'),

(10042, 'Dauda', 'Eze', 31002, 'Finance Analyst', '2024-10-20', 55000, 'Current'),

(10043, 'Uchenna', 'Adekunle', 31003, 'Software Engineer', '2024-11-25', 65000, 'Current'),

(10044, 'Folake', 'Ibrahim', 31004, 'Operations Manager', '2024-12-30', 70000, 'Current'),

(10045, 'Saheed', 'Abubakar', 31005, 'Sales Manager', '2025-01-05', 75000, 'Current'),

(10046, 'Obiageli', 'Okafor', 31001, 'HR Assistant', '2025-02-10', 45000, 'Past'),

(10047, 'Jide', 'Oni', 31002, 'Financial Analyst', '2025-03-15', 50000, 'Current'),

(10048, 'Ebunoluwa', 'Lawal', 31003, 'Software Developer', '2025-04-20', 60000, 'Current'),

(10049, 'Oyindamola', 'Adeyemi', 31004, 'Operations Analyst', '2025-05-25', 55000, 'Past'),

(10050, 'Temidayo', 'Adebayo', 31005, 'Sales Associate', '2025-06-30', 48000, 'Current')

;

select \* from Employees

CREATE TABLE Recruitments (

CandidateID INT PRIMARY KEY,

FirstName VARCHAR(50),

LastName VARCHAR(50),

Email VARCHAR(100),

Phone VARCHAR(20),

CVFilePath VARCHAR(255),

EmploymentStatus VARCHAR(50), -- e.g., "Employed", "Not Employed"

HireDate VARCHAR (25), -- NULL if not employed

InterviewSource VARCHAR(100), -- Source of the interview (e.g., job portal, referral)

PositionAppliedFor VARCHAR(100), -- Position the candidate applied for

InterviewProcess VARCHAR(255),

AdvertisingCost INT, --Costs related to advertising job openings.

RecruiterFees INT, --Fees paid to recruiters.

InterviewingCost INT, --Costs associated with the time spent interviewing candidates.

OnboardingCost INT --Costs related to onboarding the new hire.

);

Drop Table Recruitments

-- Inserting additional candidates into the Candidates table

INSERT INTO Recruitments(CandidateID, FirstName, LastName, Email, Phone, CVFilePath, EmploymentStatus, HireDate, InterviewSource, PositionAppliedFor, InterviewProcess, AdvertisingCost, RecruiterFees, InterviewingCost, OnboardingCost)

VALUES

(504, 'Habiba', 'Yakubu', 'habiba.yakubu@email.com', 123-456-7890, '/cv/habiba\_yakubu\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Graphic Designer', 'Initial Screening', 710, 3006, 18, 74),

(505, 'Adewale', 'Eze', 'adewale.eze@email.com', 987-654-3210, '/cv/adewale\_eze\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Quality Assurance Analyst', 'Technical Interview', 921, 3220, 14, 82),

(506, 'Mariam', 'Bello', 'mariam.bello@email.com', 555-555-5555, '/cv/mariam\_bello\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Executive Assistant', 'Panel Interview', 594, 4034, 15, 85),

(507, 'Nnamdi', 'Adeyemi', 'nnamdi.adeyemi@email.com', 123-456-7890, '/cv/nnamdi\_adeyemi\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Web Developer', 'Initial Screening', 770, 3379, 20, 66),

(508, 'Adeola', 'Okoro', 'adeola.okoro@email.com', 987-654-3210, '/cv/adeola\_okoro\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Financial Analyst', 'Technical Interview', 969, 4024, 19, 57),

(509, 'Oluwafemi', 'Adams', 'oluwafemi.adams@email.com', 555-555-5555, '/cv/oluwafemi\_adams\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Marketing Coordinator', 'Panel Interview', 632, 4104, 14, 63),

(510, 'Chioma', 'Ibrahim', 'chioma.ibrahim@email.com', 123-456-7890, '/cv/chioma\_ibrahim\_cv.pdf', 'Not Employed', 'NULL', 'Job Fair', 'Human Resources Assistant', 'Initial Screening', 770, 3964, 20, 88),

(511, 'Abubakar', 'Okonkwo', 'abubakar.okonkwo@email.com', 987-654-3210, '/cv/abubakar\_okonkwo\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Data Scientist', 'Technical Interview', 556, 3239, 12, 60),

(512, 'Nkechi', 'Okeke', 'nkechi.okeke@email.com', 555-555-5555, '/cv/nkechi\_okeke\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Sales Manager', 'Panel Interview', 655, 4760, 17, 77),

(513, 'Yusuf', 'Mohammed', 'yusuf.mohammed@email.com', 123-456-7890, '/cv/yusuf\_mohammed\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Software Engineer', 'Initial Screening', 984, 4017, 16, 97),

(514, 'Aminat', 'Aliyu', 'aminat.aliyu@email.com', 987-654-3210, '/cv/aminat\_aliyu\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Business Development Manager', 'Technical Interview', 875, 4239, 21, 61),

(515, 'Olayinka', 'Ojo', 'olayinka.ojo@email.com', 555-555-5555, '/cv/olayinka\_ojo\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'HR Generalist', 'Panel Interview', 665, 3754, 14, 53),

(516, 'Blessing', 'Adegoke', 'blessing.adegoke@email.com', 123-456-7890, '/cv/blessing\_adegoke\_cv.pdf', 'Not Employed', 'NULL', 'Job Fair', 'Accountant', 'Initial Screening', 617, 3806, 21, 80),

(517, 'Abdulrazaq', 'Ogunleye', 'abdulrazaq.ogunleye@email.com', 987-654-3210, '/cv/abdulrazaq\_ogunleye\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Marketing Specialist', 'Technical Interview', 988, 4730, 21, 94),

(518, 'Aisha', 'Nwachukwu', 'aisha.nwachukwu@email.com', 555-555-5555, '/cv/aisha\_nwachukwu\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Administrative Assistant', 'Panel Interview', 883, 3605, 20, 84),

(519, 'Emeka', 'Ademola', 'emeka.ademola@email.com', 123-456-7890, '/cv/emeka\_ademola\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Customer Service Representative', 'Initial Screening', 900, 3493, 11, 66),

(520, 'Chidinma', 'Obi', 'chidinma.obi@email.com', 123-456-7890, '/cv/chidinma\_obi\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Marketing Coordinator', 'Initial Screening', 963, 3551, 16, 52),

(521, 'Yakubu', 'Okafor', 'yakubu.okafor@email.com', 987-654-3210, '/cv/yakubu\_okafor\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Software Developer', 'Technical Interview', 767, 4379, 11, 87),

(522, 'Hauwa', 'Adamu', 'hauwa.adamu@email.com', 555-555-5555, '/cv/hauwa\_adamu\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Data Analyst', 'Panel Interview', 988, 3255, 21, 78),

(523, 'Abdulrahman', 'Bello', 'abdulrahman.bello@email.com', 123-456-7890, '/cv/abdulrahman\_bello\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Web Developer', 'Initial Screening', 968, 3462, 10, 69),

(524, 'Aisha', 'Ibrahim', 'aisha.ibrahim@email.com', 987-654-3210, '/cv/aisha\_ibrahim\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Financial Analyst', 'Technical Interview', 614, 3751, 19, 69),

(525, 'Emeka', 'Okonkwo', 'emeka.okonkwo@email.com', 555-555-5555, '/cv/emeka\_okonkwo\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Marketing Coordinator', 'Panel Interview', 905, 3587, 21, 92),

(526, 'Folasade', 'Adeyemi', 'folasade.adeyemi@email.com', 123-456-7890, '/cv/folasade\_adeyemi\_cv.pdf', 'Not Employed', 'NULL', 'Job Fair', 'Human Resources Assistant', 'Initial Screening', 900, 4074, 16, 88),

(527, 'Bello', 'Ogunleye', 'bello.ogunleye@email.com', 987-654-3210, '/cv/bello\_ogunleye\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Data Scientist', 'Technical Interview', 913, 3819, 17, 62),

(528, 'Aminat', 'Okafor', 'aminat.okafor@email.com', 555-555-5555, '/cv/aminat\_okafor\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Sales Manager', 'Panel Interview', 688, 3589, 12, 91),

(529, 'Yusuf', 'Oluwaseyi', 'yusuf.oluwaswi@email.com', 123-456-7890, '/cv/yusuf\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Software Engineer', 'Initial Screening', 714, 4174, 22, 55),

(530, 'Aisha', 'Ibrahim', 'aisha.ibrahim@email.com', 987-654-3210, '/cv/aisha\_ibrahim\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Business Development Manager', 'Technical Interview', 517, 4366, 16, 76),

(531, 'Emeka', 'Okorie', 'emeka.okorie@email.com', 555-555-5555, '/cv/emeka\_okorie\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'HR Generalist', 'Panel Interview', 620, 4308, 10, 76),

(532, 'Fatimah', 'Ali', 'fatimah.ali@email.com', 123-456-7890, '/cv/fatimah\_ali\_cv.pdf', 'Not Employed', 'NULL', 'Job Fair', 'Accountant', 'Initial Screening', 607, 4351, 10, 56),

(533, 'Omolara', 'Ogunlade', 'omolara.ogunlade@email.com', 987-654-3210, '/cv/omolara\_ogunlade\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Marketing Specialist', 'Technical Interview', 967, 4113, 23, 72),

(534, 'Abubakar', 'Nwosu', 'abubakar.nwosu@email.com', 555-555-5555, '/cv/abubakar\_nwosu\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Administrative Assistant', 'Panel Interview', 640, 3598, 13, 87),

(535, 'Aisha', 'Nwachukwu', 'aisha.nwachukwu@email.com', 123-456-7890, '/cv/aisha\_nwachukwu\_cv.pdf', 'Not Employed', 'NULL', 'Job Fair', 'Customer Service Representative', 'Initial Screening', 844, 4229, 11, 65),

(537, 'Chidinma', 'Okafor', 'chidinma.okafor@email.com', 555-555-5555, '/cv/chidinma\_okafor\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Marketing Coordinator', 'Panel Interview', 830, 4081, 10, 97),

(538, 'Ahmed', 'Yusuf', 'ahmed.yusuf@email.com', 123-456-7890, '/cv/ahmed\_yusuf\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Human Resources Assistant', 'Initial Screening', 646, 3991, 16, 62),

(539, 'Amina', 'Adamu', 'amina.adamu@email.com', 987-654-3210, '/cv/amina\_adamu\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Data Scientist', 'Technical Interview', 783, 3911, 20, 91),

(540, 'Yusuf', 'Abdullahi', 'yusuf.abdullahi@email.com', 555-555-5555, '/cv/yusuf\_abdullahi\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Sales Manager', 'Panel Interview', 591, 3017, 16, 99),

(541, 'Fatima', 'Okeke', 'fatima.okeke@email.com', 123-456-7890, '/cv/fatima\_okeke\_cv.pdf', 'Not Employed', 'NULL', 'Job Fair', 'Software Engineer', 'Initial Screening', 817, 3613, 22, 71),

(542, 'Chinwe', 'Obi', 'chinwe.obi@email.com', 987-654-3210, '/cv/chinwe\_obi\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Business Analyst', 'Technical Interview', 833, 4383, 13, 94),

(543, 'Suleiman', 'Ogunleye', 'suleiman.ogunleye@email.com', 555-555-5555, '/cv/suleiman\_ogunleye\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Marketing Specialist', 'Panel Interview', 828, 4154, 20, 63),

(544, 'Blessing', 'Nwosu', 'blessing.nwosu@email.com', 123-456-7890, '/cv/blessing\_nwosu\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Administrative Assistant', 'Initial Screening', 789, 4841, 12, 60),

(545, 'Abdulrahman', 'Okafor', 'abdulrahman.okafor@email.com', 987-654-3210, '/cv/abdulrahman\_okafor\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Customer Service Representative', 'Technical Interview', 843, 3712, 10, 61),

(546, 'Aisha', 'Nwachukwu', 'aisha.nwachukwu@email.com', 555-555-5555, '/cv/aisha\_nwachukwu\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Financial Analyst', 'Panel Interview', 713, 4675, 15, 58),

(547, 'Emeka', 'Adeyemi', 'emeka.adeyemi@email.com', 123-456-7890, '/cv/emeka\_adeyemi\_cv.pdf', 'Not Employed', 'NULL', 'Job Fair', 'Marketing Coordinator', 'Initial Screening', 696, 4554, 10, 80),

(548, 'Folasade', 'Okonkwo', 'folasade.okonkwo@email.com', 987-654-3210, '/cv/folasade\_okonkwo\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'HR Generalist', 'Technical Interview', 655, 3778, 11, 52),

(549, 'Aminat', 'Okeke', 'aminat.okeke@email.com', 555-555-5555, '/cv/aminat\_okeke\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Business Analyst', 'Panel Interview', 924, 4346, 22, 65),

(550, 'Ahmed', 'Mohammed', 'ahmed.mohammed@email.com', 123-456-7890, '/cv/ahmed\_mohammed\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Sales Manager', 'Initial Screening', 684, 4028, 15, 94),

(551, 'Fatima', 'Adeyemi', 'fatima.adeyemi@email.com', 987-654-3210, '/cv/fatima\_adeyemi\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Marketing Specialist', 'Technical Interview', 577, 4063, 20, 79),

(552, 'Adeola', 'Ogunleye', 'adeola.ogunleye@email.com', 555-555-5555, '/cv/adeola\_ogunleye\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Financial Analyst', 'Panel Interview', 948, 3111, 15, 79),

(553, 'Ngozi', 'Okonkwo', 'ngozi.okonkwo@email.com', 123-456-7890, '/cv/ngozi\_okonkwo\_cv.pdf', 'Not Employed', 'NULL', 'Job Fair', 'Data Scientist', 'Initial Screening', 512, 4839, 19, 55),

(554, 'Yakubu', 'Okeke', 'yakubu.okeke@email.com', 987-654-3210, '/cv/yakubu\_okeke\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Business Analyst', 'Technical Interview', 883, 4242, 20, 72),

(555, 'Mariam', 'Adamu', 'mariam.adamu@email.com', 555-555-5555, '/cv/mariam\_adamu\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Administrative Assistant', 'Panel Interview', 615, 4968, 11, 84),

(556, 'Abdullahi', 'Nwosu', 'abdullahi.nwosu@email.com', 123-456-7890, '/cv/abdullahi\_nwosu\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Customer Service Representative', 'Initial Screening', 760, 4162, 10, 71),

(557, 'Fatima', 'Okafor', 'fatima.okafor@email.com', 987-654-3210, '/cv/fatima\_okafor\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Financial Analyst', 'Technical Interview', 613, 3538, 22, 53),

(558, 'Ahmed', 'Ogunleye', 'ahmed.ogunleye@email.com', 555-555-5555, '/cv/ahmed\_ogunleye\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Marketing Specialist', 'Panel Interview', 693, 3543, 14, 71),

(559, 'Amina', 'Nwachukwu', 'amina.nwachukwu@email.com', 123-456-7890, '/cv/amina\_nwachukwu\_cv.pdf', 'Not Employed', 'NULL', 'Job Fair', 'Administrative Assistant', 'Initial Screening', 595, 3593, 21, 62),

(560, 'Abdulrahman', 'Okonkwo', 'abdulrahman.okonkwo@email.com', 987-654-3210, '/cv/abdulrahman\_okonkwo\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Customer Service Representative', 'Technical Interview', 753, 3577, 19, 68),

(561, 'Aisha', 'Oluwaseyi', 'aisha.oluwaswi@email.com', 555-555-5555, '/cv/aisha\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Financial Analyst', 'Panel Interview', 920, 4245, 23, 96),

(562, 'Emeka', 'Oluwaseyi', 'emeka.oluwaswi@email.com', 123-456-7890, '/cv/emeka\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Marketing Coordinator', 'Initial Screening', 501, 4603, 20, 54),

(563, 'Chidinma', 'Oluwaseyi', 'chidinma.oluwaswi@email.com', 987-654-3210, '/cv/chidinma\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'HR Generalist', 'Technical Interview', 925, 4252, 11, 89),

(564, 'Ahmed', 'Oluwaseyi', 'ahmed.oluwaswi@email.com', 555-555-5555, '/cv/ahmed\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Business Analyst', 'Panel Interview', 772, 4403, 13, 93),

(565, 'Fatima', 'Oluwaseyi', 'fatima.oluwaswi@email.com', 123-456-7890, '/cv/fatima\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Job Fair', 'Data Scientist', 'Initial Screening', 860, 3378, 19, 59),

(566, 'Yakubu', 'Oluwaseyi', 'yakubu.oluwaswi@email.com', 987-654-3210, '/cv/yakubu\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Business Analyst', 'Technical Interview', 603, 3324, 14, 75),

(567, 'Mariam', 'Oluwaseyi', 'mariam.oluwaswi@email.com', 555-555-5555, '/cv/mariam\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Administrative Assistant', 'Panel Interview', 765, 3167, 22, 58),

(568, 'Abdullahi', 'Oluwaseyi', 'abdullahi.oluwaswi@email.com', 123-456-7890, '/cv/abdullahi\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Customer Service Representative', 'Initial Screening', 815, 3529, 19, 83),

(569, 'Fatima', 'Oluwaseyi', 'fatima.oluwaswi@email.com', 987-654-3210, '/cv/fatima\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Financial Analyst', 'Technical Interview', 576, 3268, 16, 90),

(570, 'Ahmed', 'Oluwaseyi', 'ahmed.oluwaswi@email.com', 555-555-5555, '/cv/ahmed\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Marketing Specialist', 'Panel Interview', 634, 4102, 13, 61),

(571, 'Amina', 'Oluwaseyi', 'amina.oluwaswi@email.com', 123-456-7890, '/cv/amina\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Job Fair', 'Administrative Assistant', 'Initial Screening', 632, 3201, 22, 81),

(572, 'Abdulrahman', 'Oluwaseyi', 'abdulrahman.oluwaswi@email.com', 987-654-3210, '/cv/abdulrahman\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Customer Service Representative', 'Technical Interview', 542, 3378, 17, 79),

(573, 'Aisha', 'Oluwaseyi', 'aisha.oluwaswi@email.com', 555-555-5555, '/cv/aisha\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Financial Analyst', 'Panel Interview', 990, 3076, 12, 75),

(574, 'Emeka', 'Oluwaseyi', 'emeka.oluwaswi@email.com', 123-456-7890, '/cv/emeka\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Marketing Coordinator', 'Initial Screening', 951, 3733, 20, 98),

(575, 'Chidinma', 'Oluwaseyi', 'chidinma.oluwaswi@email.com', 987-654-3210, '/cv/chidinma\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'HR Generalist', 'Technical Interview', 508, 4048, 16, 89),

(576, 'Ahmed', 'Oluwaseyi', 'ahmed.oluwaswi@email.com', 555-555-5555, '/cv/ahmed\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Business Analyst', 'Panel Interview', 916, 3329, 21, 96),

(577, 'Fatima', 'Oluwaseyi', 'fatima.oluwaswi@email.com', 123-456-7890, '/cv/fatima\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Job Fair', 'Data Scientist', 'Initial Screening', 707, 3182, 21, 91),

(578, 'Yakubu', 'Oluwaseyi', 'yakubu.oluwaswi@email.com', 987-654-3210, '/cv/yakubu\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Referral', 'Business Analyst', 'Technical Interview', 534, 3617, 12, 55),

(579, 'Mariam', 'Oluwaseyi', 'mariam.oluwaswi@email.com', 555-555-5555, '/cv/mariam\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Company Website', 'Administrative Assistant', 'Panel Interview', 553, 3669, 16, 99),

(580, 'Abdullahi', 'Oluwaseyi', 'abdullahi.oluwaswi@email.com', 123-456-7890, '/cv/abdullahi\_oluwaseyi\_cv.pdf', 'Not Employed', 'NULL', 'Job Portal', 'Customer Service Representative', 'Initial Screening', 773, 4552, 16, 62),

(10001, 'Chinedu', 'Okonkwo', 'default@employed.com', 555-555-5555, '/cv/Chinedu\_Okonkwo\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'HR Manager', 'Company Website', 697, 4107, 15, 87),

(10002, 'Ngozi', 'Eze', 'default@employed.com', 123-456-7890, '/cv/Ngozi\_Eze\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Finance Analyst', 'Job Portal', 646, 4235, 14, 81),

(10003, 'Emeka', 'Adekunle', 'default@employed.com', 987-654-3210, '/cv/Emeka\_Adekunle\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Sof,tware Engineer', 'Job Portal', 552, 4044, 10, 92),

(10004, 'Ifeoma', 'Ibrahim', 'default@employed.com', 555-555-5555, '/cv/Ifeoma\_Ibrahim\_cv.pdf', 'Employed', 'NULL', 'Job Fair', 'Operations Manager', 'Job Fair', 878, 4201, 17, 91),

(10005, 'Obinna', 'Abubakar', 'default@employed.com', 123-456-7890, '/cv/Obinna\_Abubakar\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'Sales Manager', 'Company Website', 515, 4935, 20, 97),

(10006, 'Chinyere', 'Okafor', 'default@employed.com', 987-654-3210, '/cv/Chinyere\_Okafor\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'HR Assistant', 'Company Website', 905, 3324, 11, 79),

(10007, 'Olufemi', 'Oni', 'default@employed.com', 555-555-5555, '/cv/Olufemi\_Oni\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'Financial Analyst', 'Company Website', 505, 4781, 21, 84),

(10008, 'Ayodele', 'Lawal', 'default@employed.com', 123-456-7890, '/cv/Ayodele\_Lawal\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Software Developer', 'Job Portal', 826, 3587, 21, 64),

(10009, 'Ijeoma', 'Adeyemi', 'default@employed.com', 987-654-3210, '/cv/Ijeoma\_Adeyemi\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Operations Analyst', 'Job Portal', 662, 3192, 13, 55),

(10010, 'Chukwudi', 'Adebayo', 'default@employed.com', 555-555-5555, '/cv/Chukwudi\_Adebayo\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Sales Associate', 'Job Portal', 901, 3165, 17, 58),

(10011, 'Chinwe', 'Obi', 'default@employed.com', 123-456-7890, '/cv/Chinwe\_Obi\_cv.pdf', 'Employed', 'NULL', 'Job Fair', 'HR Manager', 'Job Fair', 779, 4800, 12, 51),

(10012, 'Yakubu', 'Akande', 'default@employed.com', 987-654-3210, '/cv/Yakubu\_Akande\_cv.pdf', 'Employed', 'NULL', 'Referral', 'Finance Analyst', 'Referral', 740, 3507, 21, 83),

(10013, 'Funmilayo', 'Balogun', 'default@employed.com', 555-555-5555, '/cv/Funmilayo\_Balogun\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'Software Engineer', 'Company Website', 979, 3531, 11, 51),

(10014, 'Adewale', 'Mohammed', 'default@employed.com', 123-456-7890, '/cv/Adewale\_Mohammed\_cv.pdf', 'Employed', 'NULL', 'Job Fair', 'Operations Manager', 'Job Fair', 997, 4893, 20, 85),

(10015, 'Nneka', 'Okoro', 'default@employed.com', 987-654-3210, '/cv/Nneka\_Okoro\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'Sales Manager', 'Company Website', 564, 4134, 14, 64),

(10016, 'Chioma', 'Akinwumi', 'default@employed.com', 555-555-5555, '/cv/Chioma\_Akinwumi\_cv.pdf', 'Employed', 'NULL', 'Job Fair', 'HR Assistant', 'Job Fair', 553, 3966, 17, 69),

(10017, 'Taiwo', 'Bakare', 'default@employed.com', 123-456-7890, '/cv/Taiwo\_Bakare\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Financial Analyst', 'Job Portal', 568, 3668, 23, 69),

(10018, 'Chinedum', 'Bello', 'default@employed.com', 987-654-3210, '/cv/Chinedum\_Bello\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'Software Developer', 'Company Website', 800, 3487, 15, 95),

(10019, 'Ngozi', 'Hassan', 'default@employed.com', 555-555-5555, '/cv/Ngozi\_Hassan\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'Operations Analyst', 'Company Website', 982, 4177, 19, 76),

(10020, 'Ayomide', 'Okoli', 'default@employed.com', 123-456-7890, '/cv/Ayomide\_Okoli\_cv.pdf', 'Employed', 'NULL', 'Referral', 'Sales Associate', 'Referral', 703, 4037, 19, 54),

(10021, 'Ebuka', 'Aliyu', 'default@employed.com', 987-654-3210, '/cv/Ebuka\_Aliyu\_cv.pdf', 'Employed', 'NULL', 'Referral', 'HR Manager', 'Referral', 522, 4735, 13, 84),

(10022, 'Ifeoluwa', 'Idris', 'default@employed.com', 555-555-5555, '/cv/Ifeoluwa\_Idris\_cv.pdf', 'Employed', 'NULL', 'Referral', 'Finance Analyst', 'Referral', 759, 4123, 11, 95),

(10023, 'Chiamaka', 'Musa', 'default@employed.com', 123-456-7890, '/cv/Chiamaka\_Musa\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'Software Engineer', 'Company Website', 646, 4732, 20, 82),

(10024, 'Chibuzo', 'Odunlade', 'default@employed.com', 987-654-3210, '/cv/Chibuzo\_Odunlade\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Operations Manager', 'Job Portal', 650, 4181, 14, 65),

(10025, 'Obianuju', 'Yusuf', 'default@employed.com', 555-555-5555, '/cv/Obianuju\_Yusuf\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Sales Manager', 'Job Portal', 550, 4980, 18, 98),

(10026, 'Aminat', 'Ahmed', 'default@employed.com', 123-456-7890, '/cv/Aminat\_Ahmed\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'HR Assistant', 'Company Website', 797, 3544, 16, 74),

(10027, 'Tochukwu', 'Lawanson', 'default@employed.com', 987-654-3210, '/cv/Tochukwu\_Lawanson\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Financial Analyst', 'Job Portal', 869, 3179, 16, 55),

(10028, 'Oluwatoyin', 'Okafor', 'default@employed.com', 555-555-5555, '/cv/Oluwatoyin\_Okafor\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Software Developer', 'Job Portal', 583, 4645, 23, 96),

(10029, 'Oluwaseun', 'Yusuf', 'default@employed.com', 123-456-7890, '/cv/Oluwaseun\_Yusuf\_cv.pdf', 'Employed', 'NULL', 'Job Fair', 'Operations Analyst', 'Job Fair', 798, 3299, 13, 93),

(10030, 'Chidera', 'Abubakar', 'default@employed.com', 987-654-3210, '/cv/Chidera\_Abubakar\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Sales Associate', 'Job Portal', 574, 4535, 17, 90),

(10031, 'Ife', 'Adebayo', 'default@employed.com', 555-555-5555, '/cv/Ife\_Adebayo\_cv.pdf', 'Employed', 'NULL', 'Job Fair', 'HR Manager', 'Job Fair', 974, 4056, 10, 72),

(10032, 'Kehinde', 'Okonkwo', 'default@employed.com', 123-456-7890, '/cv/Kehinde\_Okonkwo\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'Finance Analyst', 'Company Website', 724, 3828, 23, 88),

(10033, 'Oluwakemi', 'Eze', 'default@employed.com', 555-555-5555, '/cv/Oluwakemi\_Eze\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Software Engineer', 'Job Portal', 677, 4902, 14, 70),

(10034, 'Chidinma', 'Adekunle', 'default@employed.com', 123-456-7890, '/cv/Chidinma\_Adekunle\_cv.pdf', 'Employed', 'NULL', 'Job Fair', 'Operations Manager', 'Job Fair', 890, 4611, 12, 63),

(10035, 'Abdulahi', 'Abubakar', 'default@employed.com', 987-654-3210, '/cv/Abdulahi\_Abubakar\_cv.pdf', 'Employed', 'NULL', 'Job Fair', 'Sales Manager', 'Job Fair', 567, 4133, 12, 82),

(10036, 'Bukola', 'Okafor', 'default@employed.com', 555-555-5555, '/cv/Bukola\_Okafor\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'HR Assistant', 'Company Website', 749, 4216, 20, 69),

(10037, 'Oluwaseyi', 'Oni', 'default@employed.com', 123-456-7890, '/cv/Oluwaseyi\_Oni\_cv.pdf', 'Employed', 'NULL', 'Referral', 'Financial Analyst', 'Referral', 957, 3074, 21, 86),

(10038, 'Olamide', 'Lawal', 'default@employed.com', 987-654-3210, '/cv/Olamide\_Lawal\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'Software Developer', 'Company Website', 841, 3389, 21, 85),

(10039, 'Temitope', 'Adeyemi', 'default@employed.com', 555-555-5555, '/cv/Temitope\_Adeyemi\_cv.pdf', 'Employed', 'NULL', 'Referral', 'Operations Analyst', 'Referral', 504, 4377, 12, 53),

(10040, 'Nkechi', 'Adebayo', 'default@employed.com', 123-456-7890, '/cv/Nkechi\_Adebayo\_cv.pdf', 'Employed', 'NULL', 'Referral', 'Sales Associate', 'Referral', 623, 3449, 13, 74),

(10041, 'Chinonye', 'Okonkwo', 'default@employed.com', 987-654-3210, '/cv/Chinonye\_Okonkwo\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'HR Manager', 'Job Portal', 736, 3887, 22, 77),

(10042, 'Dauda', 'Eze', 'default@employed.com', 555-555-5555, '/cv/Dauda\_Eze\_cv.pdf', 'Employed', 'NULL', 'Referral', 'Finance Analyst', 'Referral', 946, 4523, 10, 75),

(10043, 'Uchenna', 'Adekunle', 'default@employed.com', 123-456-7890, '/cv/Uchenna\_Adekunle\_cv.pdf', 'Employed', 'NULL', 'Company Website', 'Software Engineer', 'Company Website', 753, 3183, 22, 72),

(10044, 'Folake', 'Ibrahim', 'default@employed.com', 555-555-5555, '/cv/Folake\_Ibrahim\_cv.pdf', 'Employed', 'NULL', 'Job Fair', 'Operations Manager', 'Job Fair', 791, 4152, 23, 98),

(10045, 'Saheed', 'Abubakar', 'default@employed.com', 123-456-7890, '/cv/Saheed\_Abubakar\_cv.pdf', 'Employed', 'NULL', 'Job Fair', 'Sales Manager', 'Job Fair', 643, 4257, 19, 87),

(10046, 'Obiageli', 'Okafor', 'default@employed.com', 987-654-3210, '/cv/Obiageli\_Okafor\_cv.pdf', 'Employed', 'NULL', 'Job Fair', 'HR Assistant', 'Job Fair', 781, 3555, 15, 89),

(10047, 'Jide', 'Oni', 'default@employed.com', 555-555-5555, '/cv/Jide\_Oni\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Financial Analyst', 'Job Portal', 827, 3815, 22, 61),

(10048, 'Ebunoluwa', 'Lawal', 'default@employed.com', 123-456-7890, '/cv/Ebunoluwa\_Lawal\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Software Developer', 'Job Portal', 902, 3308, 17, 73),

(10049, 'Oyindamola', 'Adeyemi', 'default@employed.com', 555-555-5555, '/cv/Oyindamola\_Adeyemi\_cv.pdf', 'Employed', 'NULL', 'Job Portal', 'Operations Analyst', 'Job Portal', 833, 3533, 15, 92),

(10050, 'Temidayo', 'Adebayo', 'default@employed.com', 123-456-7890, '/cv/Temidayo\_Adebayo\_cv.pdf', 'Employed', 'NULL', 'Referral', 'Sales Associate', 'Referral', 617, 4894, 19, 57)

;

Select \* from Recruitments

INSERT INTO Recruitments(CandidateID, FirstName, LastName, Email, Phone, CVFilePath, EmploymentStatus)

SELECT EmployeeID, FirstName, LastName, 'default@employed.com', 000-111-2224, '', 'Employed'

FROM Employees;

CREATE TABLE Department (

DepartmentID INT PRIMARY KEY,

DepartmentName VARCHAR(100) NOT NULL,

DepartmentHOD VARCHAR(100) NOT NULL

);

INSERT INTO Department (DepartmentID, DepartmentName, DepartmentHOD) VALUES

(31001, 'Human Resources', 'Miranda Ubong'),

(31002, 'Finance', 'Onisheaje Yinka'),

(31003, 'IT', 'Yinka Adesokun'),

(31004, 'Operations', 'Chile'),

(31005, 'Sales', 'Ben Oboh')

;

Select \* from department

Drop Table Recruitment\_Scorecard

Create Table Recruitment\_Scorecard (

DepartmentID INT PRIMARY KEY,

No\_of\_Employees INT,

Open\_Positions VARCHAR(20) NOT NULL,

Cost\_per\_Hire INT,

Days\_to\_Fill INT,

Days\_to\_Hire INT

);

INSERT INTO Recruitment\_Scorecard (DepartmentID, No\_of\_Employees, Open\_Positions, Cost\_per\_Hire, Days\_to\_Fill, Days\_to\_Hire)

VALUES

(31001, 8, 0, 120, 18, 6),

(31002, 9, 6, 100, 22, 5),

(31003, 7, 1, 250, 42, 15),

(31004, 7, 8, 200, 39, 15),

(31005, 8, 12, 80, 8, 2)

;

ALTER TABLE Recruitment\_Scorecard

ALTER COLUMN Open\_Positions INT;

Select \*

From Recruitment\_Scorecard

Drop table Department

-- Table to store productivity data

CREATE TABLE Productivity (

ProductivityID INT PRIMARY KEY,

EmployeeID INT,

ProductivityLevel DECIMAL(5, 2),

DateRecorded DATE,

FOREIGN KEY (EmployeeID) REFERENCES Employees(EmployeeID)

);

-- Drop the existing Productivity table

DROP TABLE IF EXISTS Productivity;

-- Recreate the Productivity table with the desired schema

CREATE TABLE Productivity (

ProductivityID INT PRIMARY KEY,

EmployeeID INT,

TrustScale DECIMAL(5, 2),

EngagementScale DECIMAL(5, 2),

WorkDemandScale DECIMAL(5, 2),

ManagementEffectiveScale DECIMAL(5, 2),

DateRecorded DATE,

Hours\_Absent INT,

AVailable\_Work\_Hours INT,

FOREIGN KEY (EmployeeID) REFERENCES Employees(EmployeeID)

);

INSERT INTO Productivity (ProductivityID, EmployeeID, TrustScale, EngagementScale, WorkDemandScale, ManagementEffectiveScale, DateRecorded, Hours\_Absent, AVailable\_Work\_Hours)

VALUES

(59001, 10001, 36.05, 80.66, 59.77, 82.19, '2024-03-23', 0, 23),

(59002, 10002, 7.34, 43.09, 24.41, 50.41, '2024-03-12', 10, 25),

(59003, 10003, 42.78, 68.36, 50.40, 36.24, '2024-03-3', 9, 51),

(59004, 10004, 52.85, 80.01, 63.15, 77.04, '2024-03-15', 8, 27),

(59005, 10005, 32.89, 36.41, 61.18, 71.03, '2024-03-28', 7, 21),

(59006, 10006, 43.39, 30.83, 41.39, 64.00, '2024-03-16', 6, 29),

(59007, 10007, 53.58, 33.98, 82.40, 84.70, '2024-03-14', 7, 35),

(59008, 10008, 40.06, 25.77, 74.18, 76.48, '2024-03-18', 2, 34),

(59009, 10009, 33.05, 74.80, 94.04, 37.13, '2024-03-29', 1, 33),

(59010, 10010, 1.82, 76.52, 77.47, 40.53, '2024-03-30', 0, 45),

(59011, 10011, 59.91, 69.67, 61.79, 38.56, '2024-03-11', 2, 53),

(59012, 10012, 12.87, 25.68, 16.54, 44.63, '2024-03-2', 4, 53),

(59013, 10013, 53.66, 72.00, 37.19, 64.07, '2024-03-15', 5, 52),

(59014, 10014, 54.60, 28.38, 40.75, 83.88, '2024-03-24', 2, 59),

(59015, 10015, 17.30, 24.22, 28.09, 83.24, '2024-03-12', 3, 57),

(59016, 10016, 15.99, 33.52, 56.57, 32.36, '2024-03-24', 0, 58),

(59017, 10017, 15.09, 29.81, 17.43, 42.90, '2024-03-11', 10, 43),

(59018, 10018, 36.89, 47.87, 34.22, 84.19, '2024-03-11', 7, 33),

(59019, 10019, 15.10, 76.42, 58.72, 57.43, '2024-03-11', 9, 53),

(59020, 10020, 27.78, 44.11, 73.49, 51.24, '2024-03-20', 3, 23),

(59021, 10021, 54.66, 73.18, 66.04, 80.58, '2024-03-12', 2, 50),

(59022, 10022, 28.41, 48.71, 20.16, 42.05, '2024-03-12', 1, 30),

(59023, 10023, 38.09, 64.81, 93.93, 51.59, '2024-03-12', 2, 53),

(59025, 10025, 23.01, 56.48, 33.57, 54.79, '2024-03-22', 3, 42),

(59026, 10026, 27.52, 79.37, 92.52, 34.20, '2024-03-22', 10, 48),

(59027, 10027, 56.84, 53.18, 27.38, 57.25, '2024-03-22', 3, 36),

(59028, 10028, 49.40, 48.77, 87.05, 49.58, '2024-03-22', 4, 29),

(59029, 10029, 27.39, 79.91, 93.83, 32.13, '2024-03-22', 3, 19),

(59030, 10030, 11.19, 43.63, 58.73, 52.93, '2024-03-31', 4, 31),

(59031, 10031, 20.12, 82.11, 68.77, 36.86, '2024-03-31', 6, 54),

(59032, 10032, 12.11, 59.33, 40.56, 44.83, '2024-03-01', 1, 48),

(59033, 10033, 10.88, 77.85, 19.13, 52.56, '2024-03-22', 7, 49),

(59034, 10034, 61.23, 77.08, 85.83, 60.65, '2024-03-13', 9, 33),

(59035, 10035, 42.25, 79.88, 47.16, 76.88, '2024-03-08', 2, 22),

(59036, 10036, 45.81, 63.90, 72.36, 83.26, '2024-03-09', 3, 52),

(59037, 10037, 6.35, 65.91, 29.91, 78.25, '2024-03-19', 6, 53),

(59038, 10038, 18.78, 59.41, 43.47, 74.60, '2024-03-17', 4, 55),

(59039, 10039, 52.63, 33.32, 24.85, 82.57, '2024-03-16', 3, 43),

(59040, 10040, 21.85, 48.42, 53.33, 64.85, '2024-03-29', 10, 59),

(59041, 10041, 9.24, 47.54, 68.21, 41.53, '2024-03-17', 9, 60),

(59042, 10042, 59.36, 49.25, 36.65, 37.36, '2024-03-15', 0, 60),

(59043, 10043, 56.18, 77.33, 61.26, 68.34, '2024-03-06', 0, 56),

(59044, 10044, 52.99, 68.89, 80.59, 64.07, '2024-03-13', 0, 49),

(59045, 10045, 41.96, 60.88, 49.77, 52.86, '2024-03-13', 0, 57),

(59046, 10046, 60.11, 23.47, 25.35, 48.09, '2024-03-13', 5, 42),

(59047, 10047, 42.83, 56.58, 20.51, 80.48, '2024-03-29', 5, 54),

(59048, 10048, 52.86, 30.46, 16.83, 59.55, '2024-03-27', 5, 50),

(59049, 10049, 51.36, 49.09, 62.90, 57.01, '2024-03-15', 6, 50),

(59050, 10050, 33.20, 69.61, 53.30, 41.79, '2024-03-12', 8, 60);

ALTER TABLE Productivity

ADD Hours\_Absent INT,

Available\_Work\_Hours INT;

Drop Table Productivity

CREATE TABLE PerformanceManagement (

PerformanceID INT PRIMARY KEY,

EmployeeID INT,

Goal VARCHAR(255),

Progress DECIMAL(5, 2),

DateSet DATE,

FOREIGN KEY (EmployeeID) REFERENCES Employees(EmployeeID)

);

Select \* from Productivity

select \* from PerformanceManagement

order by Progress

-- PerformanceManagement table population

INSERT INTO PerformanceManagement (PerformanceID, EmployeeID, Goal, Progress, DateSet)

VALUES

(91001, 10001, 'Increase HR team efficiency by 20%', 0.1, '2024-03-10'),

(91002, 10002, 'Achieve 90% accuracy in financial reporting', 0.25, '2024-03-12'),

(91003, 10003, 'Complete backend overhaul for project X', 0.5, '2024-03-15'),

(91004, 10005, 'Exceed sales targets by 15%', 0.75, '2024-03-20'),

(91005, 10007, 'Reduce overhead costs by 10%', 0.6, '2024-03-22'),

(91006, 10009, 'Improve process efficiency by 20%', 0.3, '2024-03-25'),

(91007, 10010, 'Increase client retention by 10%', 0.4, '2024-03-27'),

(91008, 10011, 'Reduce employee turnover by 15%', 0.5, '2024-03-30'),

(91009, 10013, 'Implement new feature set for project Y', 0.6, '2024-04-02'),

(91010, 10014, 'Streamline operations workflow', 0.7, '2024-04-05'),

(91011, 10016, 'Enhance employee training program', 0.8, '2024-04-08'),

(91012, 10017, 'Optimize financial reporting process', 0.9, '2024-04-10'),

(91013, 10019, 'Improve customer service satisfaction by 20%', 0.2, '2024-04-12'),

(91014, 10020, 'Expand sales reach to new markets', 0.3, '2024-04-15'),

(91015, 10021, 'Enhance HR policies and procedures', 0.4, '2024-04-18'),

(91016, 10022, 'Increase financial transparency', 0.5, '2024-04-20'),

(91017, 10023, 'Complete frontend redesign for project Z', 0.6, '2024-04-22'),

(91018, 10024, 'Streamline operations for efficiency', 0.7, '2024-04-25'),

(91019, 10026, 'Improve employee engagement by 15%', 0.8, '2024-04-28'),

(91020, 10027, 'Implement cost-saving measures', 0.9, '2024-05-01'),

(91021, 10028, 'Enhance software development process', 0.7, '2024-05-05'),

(91022, 10029, 'Optimize operations for scalability', 0.6, '2024-05-08'),

(91023, 10030, 'Achieve sales targets for current quarter', 0.5, '2024-05-10'),

(91024, 10031, 'Improve employee satisfaction by 20%', 0.4, '2024-05-12'),

(91025, 10032, 'Enhance financial analysis capabilities', 0.3, '2024-05-15'),

(91026, 10033, 'Complete software project ahead of schedule', 0.2, '2024-05-18'),

(91027, 10035, 'Exceed sales targets for current period', 0.1, '2024-05-20'),

(91028, 10036, 'Improve HR onboarding process', 0.5, '2024-05-22'),

(91029, 10037, 'Optimize financial planning process', 0.6, '2024-05-25'),

(91030, 10039, 'Enhance operations management', 0.7, '2024-05-28'),

(91031, 10040, 'Improve sales forecasting accuracy', 0.8, '2024-06-01'),

(91032, 10041, 'Implement employee development programs', 0.9, '2024-06-05'),

(91033, 10042, 'Enhance financial risk management', 0.8, '2024-06-08'),

(91034, 10043, 'Optimize software performance', 0.7, '2024-06-10'),

(91035, 10044, 'Streamline operations for efficiency', 0.6, '2024-06-12'),

(91036, 10045, 'Enhance customer service experience', 0.5, '2024-06-15'),

(91037, 10047, 'Improve financial forecasting accuracy', 0.4, '2024-06-18'),

(91038, 10048, 'Implement software security measures', 0.3, '2024-06-20'),

(91039, 10050, 'Optimize sales process for efficiency', 0.2, '2024-06-22');

select \* from PerformanceManagement

CREATE TABLE Remuneration (

RemunerationID INT PRIMARY KEY,

EmployeeID INT,

Salary DECIMAL(10, 2),

Bonus DECIMAL(10, 2),

BonusType VARCHAR(50), -- Type of bonus

EffectiveDate DATE, -- Date when the remuneration details became effective

HealthInsurance DECIMAL(10, 2), -- Health insurance benefits

RetirementContribution DECIMAL(10, 2), -- Retirement contributions

StockOptions DECIMAL(10, 2), -- Value of stock options

Currency VARCHAR(3), -- Currency of salary and bonus

FOREIGN KEY (EmployeeID) REFERENCES Employees(EmployeeID)

);

INSERT INTO Remuneration (RemunerationID, EmployeeID, Salary, Bonus, BonusType, EffectiveDate, HealthInsurance, RetirementContribution, StockOptions, Currency)

VALUES

(610001, 10001, 60000.00, 5000.00, 'Performance Bonus', '2022-01-01', 2000.00, 3000.00, 10000.00, 'NGN'),

(610002, 10002, 55000.00, 4500.00, 'Annual Bonus', '2022-01-01', 1800.00, 2800.00, 9000.00, 'NGN'),

(610003, 10003, 65000.00, 6000.00, 'Performance Bonus', '2022-01-01', 2200.00, 3200.00, 11000.00, 'NGN'),

(610004, 10005, 75000.00, 7000.00, 'Annual Bonus', '2022-01-01', 2500.00, 3500.00, 12000.00, 'NGN'),

(610005, 10007, 50000.00, 4000.00, 'Performance Bonus', '2022-01-01', 1700.00, 2700.00, 8000.00, 'NGN'),

(610006, 10009, 55000.00, 4500.00, 'Annual Bonus', '2022-01-01', 1800.00, 2800.00, 9000.00, 'NGN'),

(610007, 10010, 48000.00, 3800.00, 'Performance Bonus', '2022-01-01', 1600.00, 2600.00, 7000.00, 'NGN'),

(610008, 10011, 60000.00, 5000.00, 'Annual Bonus', '2022-01-01', 2000.00, 3000.00, 10000.00, 'NGN'),

(610009, 10013, 65000.00, 6000.00, 'Performance Bonus', '2022-01-01', 2200.00, 3200.00, 11000.00, 'NGN'),

(610010, 10014, 70000.00, 6500.00, 'Annual Bonus', '2022-01-01', 2300.00, 3300.00, 13000.00, 'NGN'),

(610011, 10016, 45000.00, 3500.00, 'Performance Bonus', '2022-01-01', 1500.00, 2500.00, 6000.00, 'NGN'),

(610012, 10017, 50000.00, 4000.00, 'Annual Bonus', '2022-01-01', 1700.00, 2700.00, 8000.00, 'NGN'),

(610013, 10019, 55000.00, 4500.00, 'Performance Bonus', '2022-01-01', 1800.00, 2800.00, 9000.00, 'NGN'),

(610014, 10020, 48000.00, 3800.00, 'Annual Bonus', '2022-01-01', 1600.00, 2600.00, 7000.00, 'NGN'),

(610015, 10021, 60000.00, 5000.00, 'Performance Bonus', '2022-01-01', 2000.00, 3000.00, 10000.00, 'NGN'),

(610016, 10022, 55000.00, 4500.00, 'Annual Bonus', '2022-01-01', 1800.00, 2800.00, 9000.00, 'NGN'),

(610017, 10023, 65000.00, 6000.00, 'Performance Bonus', '2022-01-01', 2200.00, 3200.00, 11000.00, 'NGN'),

(610018, 10024, 70000.00, 6500.00, 'Annual Bonus', '2022-01-01', 2300.00, 3300.00, 13000.00, 'NGN'),

(610019, 10026, 45000.00, 3500.00, 'Performance Bonus', '2022-01-01', 1500.00, 2500.00, 6000.00, 'NGN'),

(610020, 10027, 50000.00, 4000.00, 'Annual Bonus', '2022-01-01', 1700.00, 2700.00, 8000.00, 'NGN'),

(610021, 10028, 60000.00, 5000.00, 'Performance Bonus', '2022-01-01', 2000.00, 3000.00, 10000.00, 'NGN'),

(610022, 10029, 55000.00, 4500.00, 'Annual Bonus', '2022-01-01', 1800.00, 2800.00, 9000.00, 'NGN'),

(610023, 10030, 48000.00, 3800.00, 'Performance Bonus', '2022-01-01', 1600.00, 2600.00, 7000.00, 'NGN'),

(610024, 10031, 60000.00, 5000.00, 'Annual Bonus', '2022-01-01', 2000.00, 3000.00, 10000.00, 'NGN'),

(610025, 10032, 55000.00, 4500.00, 'Performance Bonus', '2022-01-01', 1800.00, 2800.00, 9000.00, 'NGN'),

(610026, 10033, 65000.00, 6000.00, 'Annual Bonus', '2022-01-01', 2200.00, 3200.00, 11000.00, 'NGN'),

(610027, 10035, 75000.00, 7000.00, 'Performance Bonus', '2022-01-01', 2500.00, 3500.00, 12000.00, 'NGN'),

(610028, 10036, 45000.00, 3500.00, 'Annual Bonus', '2022-01-01', 1500.00, 2500.00, 6000.00, 'NGN'),

(610029, 10037, 50000.00, 4000.00, 'Performance Bonus', '2022-01-01', 1700.00, 2700.00, 8000.00, 'NGN'),

(610030, 10039, 55000.00, 4500.00, 'Annual Bonus', '2022-01-01', 1800.00, 2800.00, 9000.00, 'NGN'),

(610031, 10040, 48000.00, 3800.00, 'Performance Bonus', '2022-01-01', 1600.00, 2600.00, 7000.00, 'NGN'),

(610032, 10041, 60000.00, 5000.00, 'Annual Bonus', '2022-01-01', 2000.00, 3000.00, 10000.00, 'NGN'),

(610033, 10042, 55000.00, 4500.00, 'Performance Bonus', '2022-01-01', 1800.00, 2800.00, 9000.00, 'NGN'),

(610034, 10043, 65000.00, 6000.00, 'Annual Bonus', '2022-01-01', 2200.00, 3200.00, 11000.00, 'NGN'),

(610035, 10044, 70000.00, 6500.00, 'Performance Bonus', '2022-01-01', 2300.00, 3300.00, 13000.00, 'NGN'),

(610036, 10045, 75000.00, 7000.00, 'Annual Bonus', '2022-01-01', 2500.00, 3500.00, 12000.00, 'NGN'),

(610037, 10047, 50000.00, 4000.00, 'Performance Bonus', '2022-01-01', 1700.00, 2700.00, 8000.00, 'NGN'),

(610038, 10048, 60000.00, 5000.00, 'Annual Bonus', '2022-01-01', 2000.00, 3000.00, 10000.00, 'NGN'),

(610039, 10050, 48000.00, 3800.00, 'Performance Bonus', '2022-01-01', 1600.00, 2600.00, 7000.00, 'NGN');

Select \* from Remuneration

-- Create the HRFinancials table

CREATE TABLE HRFinancials (

FinancialID INT PRIMARY KEY,

DepartmentID INT,

PayrollExpenses DECIMAL(15, 2),

BenefitsCost DECIMAL(15, 2),

HRInvestmentROI DECIMAL(10, 2),

DateRecorded DATE,

FOREIGN KEY (DepartmentID) REFERENCES Department(DepartmentID)

);

Drop Table HRFinancials

-- Insert sample data into the HRFinancials table for all departments

INSERT INTO HRFinancials (FinancialID, DepartmentID, PayrollExpenses, BenefitsCost, HRInvestmentROI, DateRecorded)

VALUES

(1891, 31001, 435000.00, 25000.00, 7.50, '2024-03-27'),

(1892, 31002, 120000.00, 20000.00, 6.80, '2024-03-27'),

(1893, 31003, 380000.00, 30000.00, 8.20, '2024-03-27'),

(1894, 31004, 260000.00, 27000.00, 7.90, '2024-03-27'),

(1895, 31005, 500000.00, 35000.00, 9.10, '2024-03-27')

;

-- Adding a new column to the HRFinancials table

ALTER TABLE [dbo].[HRFinancials]

ADD BenefitsType VARCHAR(50);

-- Updating the BenefitsType column with appropriate values based on DepartmentID

UPDATE [dbo].[HRFinancials]

SET BenefitsType = 'Tuition Reimbursement'

WHERE DepartmentID = 31001;

UPDATE [dbo].[HRFinancials]

SET BenefitsType = 'Employee Assistance Programs'

WHERE DepartmentID = 31002;

UPDATE [dbo].[HRFinancials]

SET BenefitsType = 'Childcare Assistance'

WHERE DepartmentID = 31003;

UPDATE [dbo].[HRFinancials]

SET BenefitsType = 'Commuting/Travel Allowances'

WHERE DepartmentID = 31004;

UPDATE [dbo].[HRFinancials]

SET BenefitsType = 'Fitness/Wellness Programs'

WHERE DepartmentID = 31005;

--Inserting a missing employee record into the Productivity table

INSERT INTO [dbo].[Productivity] (ProductivityID, EmployeeID, WorkDemandScale, TrustScale, ManagementEffectiveScale, EngagementScale, DateRecorded, Hours\_Absent, Available\_Work\_Hours)

VALUES (59024, 10024, 50, 50, 50, 50, '2024-03-12', 2, 35);

-- Adding a new column to the Productivity table

ALTER TABLE [dbo].[Productivity]

ADD ReasonsForAbsenteeism VARCHAR(255);

-- Updating the ReasonsForAbsenteeism column with specific reasons for each employee based on their EmployeeID

UPDATE [dbo].[Productivity]

SET ReasonsForAbsenteeism = CASE EmployeeID

WHEN 10001 THEN 'Sick Leave'

WHEN 10002 THEN 'Personal Leave'

WHEN 10003 THEN 'Medical Appointment'

WHEN 10004 THEN 'Family Emergency'

WHEN 10005 THEN 'Bereavement'

WHEN 10006 THEN 'Sick Leave'

WHEN 10007 THEN 'Personal Leave'

WHEN 10008 THEN 'Medical Appointment'

WHEN 10009 THEN 'Sick Leave'

WHEN 10010 THEN 'Personal Leave'

WHEN 10011 THEN 'Family Emergency'

WHEN 10012 THEN 'Bereavement'

WHEN 10013 THEN 'Sick Leave'

WHEN 10014 THEN 'Medical Appointment'

WHEN 10015 THEN 'Personal Leave'

WHEN 10016 THEN 'Sick Leave'

WHEN 10017 THEN 'Family Emergency'

WHEN 10018 THEN 'Bereavement'

WHEN 10019 THEN 'Sick Leave'

WHEN 10020 THEN 'Medical Appointment'

WHEN 10021 THEN 'Personal Leave'

WHEN 10022 THEN 'Sick Leave'

WHEN 10023 THEN 'Family Emergency'

WHEN 10024 THEN 'Bereavement'

WHEN 10025 THEN 'Sick Leave'

WHEN 10026 THEN 'Medical Appointment'

WHEN 10027 THEN 'Personal Leave'

WHEN 10028 THEN 'Sick Leave'

WHEN 10029 THEN 'Family Emergency'

WHEN 10030 THEN 'Bereavement'

WHEN 10031 THEN 'Sick Leave'

WHEN 10032 THEN 'Medical Appointment'

WHEN 10033 THEN 'Personal Leave'

WHEN 10034 THEN 'Sick Leave'

WHEN 10035 THEN 'Family Emergency'

WHEN 10036 THEN 'Bereavement'

WHEN 10037 THEN 'Sick Leave'

WHEN 10038 THEN 'Medical Appointment'

WHEN 10039 THEN 'Personal Leave'

WHEN 10040 THEN 'Family Emergency'

WHEN 10041 THEN 'Bereavement'

WHEN 10042 THEN 'Sick Leave'

WHEN 10043 THEN 'Medical Appointment'

WHEN 10044 THEN 'Personal Leave'

WHEN 10045 THEN 'Sick Leave'

WHEN 10046 THEN 'Family Emergency'

WHEN 10047 THEN 'Bereavement'

WHEN 10048 THEN 'Sick Leave'

WHEN 10049 THEN 'Medical Appointment'

WHEN 10050 THEN 'Personal Leave'

ELSE 'Unknown'

END

WHERE Hours\_Absent > 0;

**Note**: The figures and employee details in the SQL queries have been replaced with fictitious names and data for privacy reasons in compliance with GDPR.

Thank You