

“AI - ENHANCED JOB MATCHING PLATFORM”



ABSTRACT

An AI-enhanced job matching platform uses artificial intelligence to automate and optimize the recruitment process. By analyzing resumes and job descriptions, the platform matches job seekers with suitable roles based on skills and experience. It provides personalized job recommendations and streamlines hiring for employers, improving efficiency and accuracy in finding the right candidates and opportunities.

STRUCTURE OF TABLES.



USERS TABLE.

THE USERS TABLE SHOWS THE TYPE OF USERS AND THE FIELD OF USERS.

SYNTAX : DESCRIBE USERS;

```
mysql> DESCRIBE Users;
+-----+-----+-----+-----+
| Field | Type | Null | Key | Default |
+-----+-----+-----+-----+
| UserID | int  | NO   | PRI  | NULL    |
|         | auto_increment |
| UserType | enum('job_seeker','employer') | NO   |      | NULL    |
|         |          |
| FirstName | varchar(50) | NO   |      | NULL    |
|         |          |
| LastName  | varchar(50) | NO   |      | NULL    |
|         |          |
| Email     | varchar(100) | NO   | UNI  | NULL    |
|         |          |
| PasswordHash | varchar(255) | NO   |      | NULL    |
|         |          |
| DateOfBirth | date  | YES  |      | NULL    |
|         |          |
| CreatedAt   | timestamp | YES  |      | CURRENT_TIMESTAMP |
| MP | DEFAULT_GENERATED |
| UpdatedAt   | timestamp | YES  |      | CURRENT_TIMESTAMP |
| MP | DEFAULT_GENERATED on update CURRENT_TIMESTAMP |
+-----+-----+-----+-----+
rows in set (0.00 sec)
```

```
mysql> DESC JobListings;
```

| Field | Type | Null | Key | Default | Extra |
|----------------|--|------|-----|-------------------|-------------------|
| JobID | int | NO | PRI | NULL | auto_increment |
| EmployerID | int | NO | MUL | NULL | |
| JobTitle | varchar(100) | NO | | NULL | |
| JobDescription | text | YES | | NULL | |
| Location | varchar(100) | YES | | NULL | |
| Salary | decimal(10,2) | YES | | NULL | |
| JobType | enum('full_time','part_time','contract','temporary') | NO | | NULL | |
| DatePosted | timestamp | YES | | CURRENT_TIMESTAMP | DEFAULT_GENERATED |

8 rows in set (0.00 sec)

JOBLISTING TABLE.

THE TABLE JOBLISTING SHOWS THE DETAILS SUCH AS JOBID, SALARY, LOCATION ETC IN THE TABLE.

SYNTAX : DESC JOBLISTING;

RESUMES TABLE.

TABLE RESUMES HELP TO SHOW
DETAILS RESUMEID, SKILLS,
EDUCATION ECT.

SYNTAX : DESC RESUMES;

```
mysql> DESCRIBE Resumes;
```

| Field | Type | Null | Key | Default | Extra |
|-------------|--------------|------|-----|-------------------|-------------------|
| ResumeID | int | NO | PRI | NULL | auto_increment |
| JobSeekerID | int | NO | MUL | NULL | |
| ResumeURL | varchar(255) | NO | | NULL | |
| Skills | text | YES | | NULL | |
| Experience | text | YES | | NULL | |
| Education | text | YES | | NULL | |
| CreatedAt | timestamp | YES | | CURRENT_TIMESTAMP | DEFAULT_GENERATED |

```
7 rows in set (0.00 sec)
```

APPLICATIONS TABLE.

1. THE TABLE SHOWS THE JOBID, STATUS, APPLICATIONS ETC.
2. SYNTAX : SHOW COLUMNS FROM APPLICATIONS;

```
mysql> SHOW COLUMNS FROM Applications;
```

| Field | Type | Null | Key | Default | Extra |
|-----------------|--|------|-----|-------------------|-------------------|
| ApplicationID | int | NO | PRI | NULL | auto_increment |
| JobSeekerID | int | NO | MUL | NULL | |
| JobID | int | NO | MUL | NULL | |
| ApplicationDate | timestamp | YES | | CURRENT_TIMESTAMP | DEFAULT_GENERATED |
| Status | enum('applied','interviewed','offered','rejected') | YES | | applied | |

```
5 rows in set (0.00 sec)
```

MATCHES TABLE.

```
mysql> DESCRIBE Matches;
```

| Field | Type | Null | Key | Default | Extra |
|-------------|--------------|------|-----|-------------------|-------------------|
| MatchID | int | NO | PRI | NULL | auto_increment |
| JobSeekerID | int | NO | MUL | NULL | |
| JobID | int | NO | MUL | NULL | |
| MatchScore | decimal(5,2) | NO | | NULL | |
| MatchedAt | timestamp | YES | | CURRENT_TIMESTAMP | DEFAULT_GENERATED |

```
5 rows in set (0.00 sec)
```

THIS TABLE SHOWS THE MATCHID, JODID,
MATCHEDAT ETC

SYNTAX : DECS MATCHES;

CONTENENS OF TABLES.



USERS TABLE WITH VALUES.

```
mysql> SELECT * FROM Users;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| UserID | UserType | FirstName | LastName | Email           | PasswordHash | DateOfBirth | CreatedAt    | UpdatedAt
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 1     | job_seeker | John      | Doe       | john.doe@example.com | hashed_password_1 | 1990-05-15   | 2024-08-26 09:36:24 | 2024-08-26 09:36:24 |
| 2     | job_seeker | Jane      | Smith     | jane.smith@example.com | hashed_password_2 | 1985-08-22   | 2024-08-26 09:36:24 | 2024-08-26 09:36:24 |
| 3     | job_seeker | Alice     | Johnson   | alice.johnson@example.com | hashed_password_3 | 1992-03-30   | 2024-08-26 09:36:24 | 2024-08-26 09:36:24 |
| 4     | job_seeker | Bob       | Brown     | bob.brown@example.com | hashed_password_4 | 1988-12-01   | 2024-08-26 09:36:24 | 2024-08-26 09:36:24 |
| 5     | job_seeker | Charlie   | Davis     | charlie.davis@example.com | hashed_password_5 | 1991-07-19   | 2024-08-26 09:36:24 | 2024-08-26 09:36:24 |
| 6     | employer   | TechCorp  | HR        | hr@techcorp.com       | hashed_password_6 | NULL         | 2024-08-26 09:36:24 | 2024-08-26 09:36:24 |
| 7     | employer   | BizInc    | Recruiter | recruiter@bizinc.com | hashed_password_7 | NULL         | 2024-08-26 09:36:24 | 2024-08-26 09:36:24 |
| 8     | employer   | HealthPlus | Talent    | talent@healthplus.com | hashed_password_8 | NULL         | 2024-08-26 09:36:24 | 2024-08-26 09:36:24 |
| 9     | employer   | EduWorld  | Admin     | admin@eduworld.com    | hashed_password_9 | NULL         | 2024-08-26 09:36:24 | 2024-08-26 09:36:24 |
| 10    | employer   | FinanceCo | Hiring    | hiring@financeco.com | hashed_password_10 | NULL         | 2024-08-26 09:36:24 | 2024-08-26 09:36:24 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

JOBLISTING TABLE WITH VALUES.

```
mysql> SELECT * FROM JobListings;
+----+-----+-----+-----+-----+
| JobID | EmployerID | JobTitle | Location | Salary | JobType | DatePosted |
+----+-----+-----+-----+-----+
| 1 | 6 | Software Engineer | Develop and maintain software applications. | New York | 90000.00 | full_time | 2024-08-26 09:36:35 |
| 2 | 6 | Data Analyst | Analyze and interpret complex data. | San Francisco | 85000.00 | full_time | 2024-08-26 09:36:35 |
| 3 | 7 | Marketing Manager | Oversee marketing campaigns and strategies. | Los Angeles | 75000.00 | part_time | 2024-08-26 09:36:35 |
| 4 | 7 | Sales Associate | Engage with customers and drive sales. | Chicago | 50000.00 | full_time | 2024-08-26 09:36:35 |
| 5 | 8 | Nurse | Provide patient care and support. | Miami | 70000.00 | full_time | 2024-08-26 09:36:35 |
| 6 | 8 | Healthcare Administrator | Manage healthcare operations. | Orlando | 80000.00 | contract | 2024-08-26 09:36:35 |
| 7 | 9 | Teacher | Educate students and prepare lesson plans. | Philadelphia | 60000.00 | full_time | 2024-08-26 09:36:35 |
| 8 | 9 | School Counselor | Support students with academic and personal issues. | Boston | 65000.00 | part_time | 2024-08-26 09:36:35 |
| 9 | 10 | Financial Analyst | Analyze financial data and trends. | Houston | 72000.00 | full_time | 2024-08-26 09:36:35 |
| 10 | 10 | Accountant | Manage financial records and reports. | Dallas | 68000.00 | full_time | 2024-08-26 09:36:35 |
+----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

RESULTS TABLE WITH VALUES.



```
mysql> SELECT * FROM Resumes;
+-----+-----+-----+-----+-----+
| ResumeID | JobSeekerID | ResumeURL          | Skills           | Experience        | Education          | CreatedAt         |
+-----+-----+-----+-----+-----+
| 1       | 1           | http://example.com/resumes/john_doe.pdf | Java, SQL, Python | 5 years as Software Developer | BSc Computer Science | 2024-08-26 09:36:46 |
| 2       | 2           | http://example.com/resumes/jane_smith.pdf |                  | Marketing, SEO, Content Creation | 3 years as Marketing Specialist | BA Marketing | 2024-08-26 09:36:46 |
| 3       | 3           | http://example.com/resumes/alice_johnson.pdf |                  | Data Analysis, Excel, R          | 4 years as Data Analyst      | MSc Data Science | 2024-08-26 09:36:46 |
| 4       | 4           | http://example.com/resumes/bob_brown.pdf    | Project Management, Agile | 6 years as Project Manager     | MBA Project Management | 2024-08-26 09:36:46 |
| 5       | 5           | http://example.com/resumes/charlie_davis.pdf |                  | Customer Service, Sales        | 2 years as Sales Representative | BA Business Administration | 2024-08-26 09:36:46 |
| 6       | 6           | http://example.com/resumes/techcorp_resume.pdf |                  | Management, Recruitment        | 10 years in HR             | Master of HR Management | 2024-08-26 09:36:46 |
| 7       | 7           | http://example.com/resumes/bizinc_resume.pdf |                  | Talent Acquisition, Negotiation | 8 years in Recruiting       | Master of Business Administration | 2024-08-26 09:36:46 |
| 8       | 8           | http://example.com/resumes/healthplus_resume.pdf |                  | Healthcare Management          | 12 years in Healthcare Admin | MSc Healthcare Administration | 2024-08-26 09:36:46 |
| 9       | 9           | http://example.com/resumes/eduworld_resume.pdf |                  | Education, Counseling          | 15 years in Education        | MEd Education            | 2024-08-26 09:36:46 |
| 10      | 10          | http://example.com/resumes/financeco_resume.pdf |                  | Finance, Accounting           | 9 years in Finance          | MSc Finance             | 2024-08-26 09:36:46 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

APPLICATION TABLE WITH VALUES.

```
mysql> SELECT * FROM Applications;
+-----+-----+-----+-----+-----+
| ApplicationID | JobSeekerID | JobID | ApplicationDate | Status |
+-----+-----+-----+-----+-----+
| 1 | 1 | 1 | 2024-08-26 09:36:58 | applied |
| 2 | 2 | 3 | 2024-08-26 09:36:58 | applied |
| 3 | 3 | 2 | 2024-08-26 09:36:58 | interviewed |
| 4 | 4 | 4 | 2024-08-26 09:36:58 | applied |
| 5 | 5 | 5 | 2024-08-26 09:36:58 | rejected |
| 6 | 1 | 6 | 2024-08-26 09:36:58 | applied |
| 7 | 2 | 7 | 2024-08-26 09:36:58 | offered |
| 8 | 3 | 8 | 2024-08-26 09:36:58 | applied |
| 9 | 4 | 9 | 2024-08-26 09:36:58 | interviewed |
| 10 | 5 | 10 | 2024-08-26 09:36:58 | rejected |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

MATCHES TABLE WITH VALUES.

```
mysql> SELECT * FROM Matches;
+-----+-----+-----+-----+-----+
| MatchID | JobSeekerID | JobID | MatchScore | MatchedAt |
+-----+-----+-----+-----+-----+
| 1 | 1 | 1 | 85.00 | 2024-08-26 09:37:07 |
| 2 | 2 | 3 | 80.50 | 2024-08-26 09:37:07 |
| 3 | 3 | 2 | 90.00 | 2024-08-26 09:37:07 |
| 4 | 4 | 4 | 78.25 | 2024-08-26 09:37:07 |
| 5 | 5 | 5 | 65.75 | 2024-08-26 09:37:07 |
| 6 | 1 | 6 | 88.00 | 2024-08-26 09:37:07 |
| 7 | 2 | 7 | 82.00 | 2024-08-26 09:37:07 |
| 8 | 3 | 8 | 77.50 | 2024-08-26 09:37:07 |
| 9 | 4 | 9 | 79.75 | 2024-08-26 09:37:07 |
| 10 | 5 | 10 | 70.00 | 2024-08-26 09:37:07 |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

SUBQUERY.



Get the Number of Applications for Each Job Listing ?

```
SELECT JobTitle,  
       (SELECT COUNT(*))  
    FROM Applications  
 WHERE Applications.JobID =  
           JobListings.JobID) AS  
      NumberOfApplications  
   FROM JobListings;
```

| JobTitle | NumberOfApplications |
|--------------------------|----------------------|
| Software Engineer | 1 |
| Data Analyst | 1 |
| Marketing Manager | 1 |
| Sales Associate | 1 |
| Nurse | 1 |
| Healthcare Administrator | 1 |
| Teacher | 1 |
| School Counselor | 1 |
| Financial Analyst | 1 |
| Accountant | 1 |

10 rows in set (0.00 sec)

Find Job Seekers Who Have Applied for Jobs in New York?

```
mysql> SELECT * FROM Applications;
```

| ApplicationID | JobSeekerID | JobID | ApplicationDate | Status |
|---------------|-------------|-------|---------------------|-------------|
| 1 | 1 | 1 | 2024-08-26 09:36:58 | applied |
| 2 | 2 | 3 | 2024-08-26 09:36:58 | applied |
| 3 | 3 | 2 | 2024-08-26 09:36:58 | interviewed |
| 4 | 4 | 4 | 2024-08-26 09:36:58 | applied |
| 5 | 5 | 5 | 2024-08-26 09:36:58 | rejected |
| 6 | 1 | 6 | 2024-08-26 09:36:58 | applied |
| 7 | 2 | 7 | 2024-08-26 09:36:58 | offered |
| 8 | 3 | 8 | 2024-08-26 09:36:58 | applied |
| 9 | 4 | 9 | 2024-08-26 09:36:58 | interviewed |
| 10 | 5 | 10 | 2024-08-26 09:36:58 | rejected |

```
10 rows in set (0.00 sec)
```

```
SELECT FirstName, LastName, Email  
FROM Users  
WHERE UserID IN (  
    SELECT JobSeekerID  
    FROM Applications  
    WHERE JobID IN (  
        SELECT JobID  
        FROM JobListings  
        WHERE Location = 'New York'));
```

```
+-----+-----+-----+
| JobType | JobCount | AvgSalary |
+-----+-----+-----+
| contract | 1 | 80000.000000 |
| full_time | 7 | 70714.285714 |
| part_time | 2 | 70000.000000 |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

Average salary :-



```
SELECT JobType, COUNT(JobId) AS JobCount,
       AVG(Salary) AS AvgSalary
  FROM joblistings
 GROUP BY JobType
 ORDER BY AvgSalary
 DESC;
```

Maximum Date Posted :-



| Location | JobCount | LatestJobPosted |
|---------------|----------|---------------------|
| New York | 1 | 2024-08-26 09:36:35 |
| San Francisco | 1 | 2024-08-26 09:36:35 |
| Los Angeles | 1 | 2024-08-26 09:36:35 |
| Chicago | 1 | 2024-08-26 09:36:35 |
| Miami | 1 | 2024-08-26 09:36:35 |
| Orlando | 1 | 2024-08-26 09:36:35 |
| Philadelphia | 1 | 2024-08-26 09:36:35 |
| Boston | 1 | 2024-08-26 09:36:35 |
| Houston | 1 | 2024-08-26 09:36:35 |
| Dallas | 1 | 2024-08-26 09:36:35 |

10 rows in set (0.00 sec)

```
SELECT Location, COUNT(JobId) AS JobCount,  
MAX(DatePosted) AS LatestJobPosted  
FROM joblistings  
GROUP BY Location  
ORDER BY LatestJobPosted  
DESC;
```

Find Job Listings with No Applications ?

```
-> j;  
Empty set (0.00 sec)
```

```
SELECT JobTitle, Location  
FROM JobListings  
WHERE JobID NOT IN (  
    SELECT DISTINCT JobID  
    FROM Applications);
```

Find the Highest Matching Score for Each Job Seeker?



```
SELECT JobSeekerID,
       MAX(MatchScore) AS HighestMatchScore
  FROM Matches
 GROUP BY JobSeekerID;
```

| JobSeekerID | HighestMatchScore |
|-------------|-------------------|
| 1 | 88.00 |
| 2 | 82.00 |
| 3 | 90.00 |
| 4 | 79.75 |
| 5 | 70.00 |

5 rows in set (0.00 sec)

JOINS.



List Job Seekers and Their Applied Jobs?

```
SELECT U.FirstName,  
       U.LastName, J.JobTitle  
  FROM Users U  
        JOIN Applications A ON  
          U.UserID = A.JobSeekerID  
        JOIN JobListings J ON A.JobID =  
          J.JobID  
 WHERE U.UserType =  
       'job_seeker';
```

| FirstName | LastName | JobTitle |
|-----------|----------|--------------------------|
| John | Doe | Software Engineer |
| John | Doe | Healthcare Administrator |
| Jane | Smith | Marketing Manager |
| Jane | Smith | Teacher |
| Alice | Johnson | Data Analyst |
| Alice | Johnson | School Counselor |
| Bob | Brown | Sales Associate |
| Bob | Brown | Financial Analyst |
| Charlie | Davis | Nurse |
| Charlie | Davis | Accountant |

10 rows in set (0.00 sec)

List Job Listings with the Number of Applications and Employer Name?

```
SELECT J.JobTitle,  
       J.Location,  
       (SELECT COUNT(*)  
        FROM Applications  
       WHERE Applications.JobID = J.JobID) AS NumberOfApplications,  
       E.FirstName AS EmployerFirstName,  
       E.LastName AS EmployerLastName  
      FROM JobListings J  
     JOIN Users E ON J.EmployerID = E.UserID  
    WHERE E.UserType = 'employer';
```

| JobTitle | Location | NumberOfApplications | EmployerFirstName | EmployerLastName |
|--------------------------|---------------|----------------------|-------------------|------------------|
| Software Engineer | New York | 1 | TechCorp | HR |
| Data Analyst | San Francisco | 1 | TechCorp | HR |
| Marketing Manager | Los Angeles | 1 | BizInc | Recruiter |
| Sales Associate | Chicago | 1 | BizInc | Recruiter |
| Nurse | Miami | 1 | HealthPlus | Talent |
| Healthcare Administrator | Orlando | 1 | HealthPlus | Talent |
| Teacher | Philadelphia | 1 | EduWorld | Admin |
| School Counselor | Boston | 1 | EduWorld | Admin |
| Financial Analyst | Houston | 1 | FinanceCo | Hiring |
| Accountant | Dallas | 1 | FinanceCo | Hiring |

10 rows in set (0.00 sec)

Find the Job Seekers Who Are Matched with a Job Listing and their Match Scores ?

- SELECT U.FirstName, U.LastName, J.JobTitle, M.MatchScore
- FROM Matches M
- JOIN Users U ON M.JobSeekerID = U.UserID
- JOIN JobListings J ON M.JobID = J.JobID;

| FirstName | LastName | JobTitle | MatchScore |
|-----------|----------|--------------------------|------------|
| John | Doe | Software Engineer | 85.00 |
| Jane | Smith | Marketing Manager | 80.50 |
| Alice | Johnson | Data Analyst | 90.00 |
| Bob | Brown | Sales Associate | 78.25 |
| Charlie | Davis | Nurse | 65.75 |
| John | Doe | Healthcare Administrator | 88.00 |
| Jane | Smith | Teacher | 82.00 |
| Alice | Johnson | School Counselor | 77.50 |
| Bob | Brown | Financial Analyst | 79.75 |
| Charlie | Davis | Accountant | 70.00 |

10 rows in set (0.00 sec)

| FirstName | LastName | ResumeURL |
|-----------|----------|---|
| John | Doe | http://example.com/resumes/john_doe.pdf |
| John | Doe | http://example.com/resumes/john_doe.pdf |
| Jane | Smith | http://example.com/resumes/jane_smith.pdf |
| Jane | Smith | http://example.com/resumes/jane_smith.pdf |
| Alice | Johnson | http://example.com/resumes/alice_johnson.pdf |
| Alice | Johnson | http://example.com/resumes/alice_johnson.pdf |
| Bob | Brown | http://example.com/resumes/bob_brown.pdf |
| Bob | Brown | http://example.com/resumes/bob_brown.pdf |
| Charlie | Davis | http://example.com/resumes/charlie_davis.pdf |
| Charlie | Davis | http://example.com/resumes/charlie_davis.pdf |

10 rows in set (0.00 sec)

Get Job Seekers Who Have Applied to Jobs and Their Resume URLs ?

```
SELECT U.FirstName, U.LastName, R.ResumeURL  
FROM Users U  
JOIN Applications A ON U.UserID = A.JobSeekerID  
JOIN Resumes R ON U.UserID = R.JobSeekerID  
WHERE U.UserType = 'job_seeker';
```

VIEWS.



Create a view to display job seekers and the jobs they have applied for, including application status?

```
mysql> SELECT * FROM JobSeekerApplications;
```

| FirstName | LastName | JobTitle | ApplicationStatus |
|-----------|----------|--------------------------|-------------------|
| John | Doe | Software Engineer | applied |
| John | Doe | Healthcare Administrator | applied |
| Jane | Smith | Marketing Manager | applied |
| Jane | Smith | Teacher | offered |
| Alice | Johnson | Data Analyst | interviewed |
| Alice | Johnson | School Counselor | applied |
| Bob | Brown | Sales Associate | applied |
| Bob | Brown | Financial Analyst | interviewed |
| Charlie | Davis | Nurse | rejected |
| Charlie | Davis | Accountant | rejected |

10 rows in set (0.00 sec)

```
CREATE VIEW  
JobSeekerApplications  
AS  
SELECT U.FirstName,  
       U.LastName,  
       J.JobTitle,  
       A.Status AS  
     ApplicationStatus  
   FROM Users U  
 JOIN Applications A ON  
   U.UserID =  
   A.JobSeekerID  
 JOIN JobListings J ON  
   A.JobID = J.JobID  
 WHERE U.UserType =  
   'job_seeker';
```

Create a view to show job listings along with the employer's details and number of applications?

```
mysql> SELECT * FROM EmployerJobDetails;
```

| JobTitle | Location | Salary | EmployerFirstName | EmployerLastName | NumberOfApplications |
|--------------------------|---------------|----------|-------------------|------------------|----------------------|
| Software Engineer | New York | 90000.00 | TechCorp | HR | 1 |
| Data Analyst | San Francisco | 85000.00 | TechCorp | HR | 1 |
| Marketing Manager | Los Angeles | 75000.00 | BizInc | Recruiter | 1 |
| Sales Associate | Chicago | 50000.00 | BizInc | Recruiter | 1 |
| Nurse | Miami | 70000.00 | HealthPlus | Talent | 1 |
| Healthcare Administrator | Orlando | 80000.00 | HealthPlus | Talent | 1 |
| Teacher | Philadelphia | 60000.00 | EduWorld | Admin | 1 |
| School Counselor | Boston | 65000.00 | EduWorld | Admin | 1 |
| Financial Analyst | Houston | 72000.00 | FinanceCo | Hiring | 1 |
| Accountant | Dallas | 68000.00 | FinanceCo | Hiring | 1 |

```
10 rows in set (0.00 sec)
```

```
CREATE VIEW EmployerJobDetails AS
SELECT J.JobTitle,
       J.Location,
       J.Salary,
       E.FirstName AS
       EmployerFirstName,
       E.LastName AS
       EmployerLastName,
       (SELECT COUNT(*)
        FROM Applications
        WHERE Applications.JobID =
        J.JobID) AS NumberOfApplications
        FROM JobListings J
        JOIN Users E ON J.EmployerID =
        E.UserID
        WHERE E.UserType = 'employer';
```

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Thank you...

