**Schema:**

Student(sid,fname,lname,branch,cgpa,doj)

Company(cid ,cname,sid,branch,cgpa,package,)

Training(tname,branch,duration)

Roles(cid,rname,time)

**Instance:**

**STUDENT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **sid** | **fname** | **lname** | **branch** | **cgpa** | **doj** |
| 19071A0501 | David | Parker | CSE | 8.5 | 12-06-2019 |
| 19071A0502 | Jones | Easton | CSE | 8.7 | 09-06-2019 |
| 19071A0503 | Christine | Hudson | CSE | 9.5 | 11-06-2019 |
| 19071A0504 | Mary | Adler | CSE | 8.5 | 10-06-2019 |
| 19071A0505 | Rohit | Sharma | CSE | 9.6 | 11-06-2019 |
| 19071A0510 | Daniel | Ashley | CSE | 9.3 | 16-06-2019 |
| 19071A0511 | Rosy | Carson | CSE | 9.4 | 15-06-2019 |
| 19071A0403 | Jones | Vaughn | ECE | 8.3 | 08-06-2019 |
| 19071A0405 | John | Reed | ECE | 9.5 | 13-06-2019 |
| 19071A0407 | Denver | Tyler | ECE | 9.2 | 13-06-2019 |
| 19071A0410 | Kates | Ellis | ECE | 8.9 | 12-06-2019 |
| 19071A0408 | Arha | Penn | ECE | 8.7 | 11-06-2019 |
| 19071A0411 | Ayush | Taylor | ECE | 9.6 | 18-06-2019 |
| 19071A0301 | John | Thompson | CE | 8.7 | 18-06-2019 |
| 19071A0303 | Barkha | Brady | CE | 7.7 | 16-06-2019 |
| 19071A0305 | Mithoon | Emerson | CE | 8.3 | 11-06-2019 |
| 19071A0306 | Rosy | Hazel | CE | 8.4 | 12-06-2019 |
| 19071A0307 | Martin | Walker | CE | 8.7 | 15-06-2019 |
| 19071A0310 | Jennie | Raddix | CE | 9.5 | 11-06-2019 |
| 19071A0201 | Lisa | Fallon | MECH | 8.8 | 09-06-2019 |
| 19071A0202 | Donald | Anderson | MECH | 9.7 | 17-06-2019 |
| 19071A0203 | Mark | Sullivan | MECH | 8.7 | 19-06-2019 |
| 19071A0204 | Edward | Reagan | MECH | 8.6 | 09-06-2019 |
| 19071A0205 | Rahul | Quinn | MECH | 9.2 | 15-06-2019 |
| 19071A0210 | Alex | Monroe | MECH | 8.2 | 19-06-2019 |

**COMPANY**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **cid** | **cname** | **sid** | **branch** | **cgpa** | | **package** |
| DE0501 | Deloitte | 19071A0501 | CSE | 8.5 | | 8 |
| JP0502 | JPMC | 19071A0502 | CSE | 8.7 | | 10 |
| AM0503 | Amazon | 19071A0503 | CSE | 9.5 | | 10 |
| GO0504 | Google | 19071A0504 | CSE | 8.5 | | 8.5 |
| AM0505 | Amazon | 19071A0505 | CSE | 9.6 | | 12 |
| MI0510 | Microsoft | 19071A0510 | CSE | 9.3 | | 10 |
| DE0511 | Deloitte | 19071A0511 | CSE | 9.4 | | 10 |
| JP0403 | JPMC | 19071A0403 | ECE | 8.3 | | 6.5 |
| AM0405 | Amazon | 19071A0405 | ECE | 9.5 | | 10 |
| MI0407 | Microsoft | 19071A0407 | ECE | 9.2 | | 10 |
| DE0410 | Deloitte | 19071A0410 | ECE | 8.9 | | 12 |
| GO0408 | Google | 19071A0408 | ECE | 8.7 | | 8.5 |
| JP0411 | JPMC | 19071A0411 | ECE | 9.6 | | 8 |
| MI0301 | Microsoft | 19071A0301 | CE | 8.7 | | 10 |
| AM0303 | Amazon | 19071A0303 | CE | 7.7 | | 8 |
| MI0305 | Microsoft | 19071A0305 | CE | 8.3 | | 8.5 |
| DE0306 | Deloitte | 19071A0306 | CE | 8.4 | | 10 |
| AM0307 | Amazon | 19071A0307 | CE | 8.7 | | 10 |
| JP0310 | JPMC | 19071A0310 | CE | 9.5 | | 8.5 |
| AM0201 | Amazon | 19071A0201 | MECH | 8.8 | | 10 |
| AM0202 | Amazon | 19071A0202 | MECH | 9.7 | | 8 |
| JP0203 | JPMC | 19071A0203 | MECH | 8.7 | | 7.5 |
| GO0204 | Google | 19071A0204 | MECH | 8.6 | | 8.5 |
| AM0205 | Amazon | 19071A0205 | MECH | 9.2 | | 10 |
| JP0210 | JPMC | 19071A0210 | MECH | 8.2 | 8 | |

**TRAINING**

|  |  |  |
| --- | --- | --- |
| **tname** | **branch** | **duration** |
| Angular | CSE | 72 |
| AI/ML through Python | CSE | 48 |
| Front End-Back End Development | CSE | 36 |
| Programming for Everybody | CSE | 36 |
| Digital Analog Design | ECE | 36 |
| Embedded Sysytems | ECE | 20 |
| Computer Network and System Security | ECE | 25 |
| Wireless Networks | ECE | 40 |
| Building Planning Design and Analysis | CE | 20 |
| Construction Project Managament | CE | 16 |
| Industrial Infrastructure | CE | 16 |
| SAP 2000(Structural Analysis & Design) | CE | 36 |
| SAP 2000(Structural Analysis & Design) | MECH | 36 |
| NX Unigraphics | MECH | 24 |
| CNC Programming | MECH | 20 |
| Autocad Software | MECH | 40 |

**ROLES**

|  |  |  |
| --- | --- | --- |
| **cid** | **rname** | **time** |
| DE0501 | Software Developer | Full Time |
| JP0502 | Software Development Engineer | Full Time |
| AM0503 | Software Developer | Full Time |
| GO0504 | System Engineer | Full Time |
| AM0505 | Software Development Engineer | Full Time |
| MI0510 | Software Developer | Full Time |
| DE0511 | Software Development Engineer | Full Time |
| JP0403 | Network Engineer | Full Time |
| AM0405 | System Engineer | Full Time |
| MI0407 | Network Engineer | Full Time |
| DE0410 | Software Developer | Intern |
| GO0408 | Network Engineer | Full Time |
| JP0411 | System Engineer | Intern |
| MI0301 | Hardware Engineer | Full Time |
| AM0303 | Software Engineer | Intern |
| MI0305 | Software Developer | Intern |
| DE0306 | Hardware Technician | Full Time |
| AM0307 | System Engineer | Intern |
| JP0310 | System Engineering Manager | Full Time |
| AM0201 | Software Developer | Intern |
| AM0202 | System Engineering Manager | Full Time |
| JP0203 | Software Developer | Intern |
| GO0204 | System Engineering Manager | Full Time |
| AM0205 | Network Engineer | Intern |
| JP0210 | Hardware Technician | Intern |