

SQL - Queries

1. Select jobs based in Boston.

```
SELECT title, description, date_posted, link FROM JobData
WHERE location_id = (SELECT id FROM Location WHERE city='Boston');
```

The screenshot shows the MySQL Workbench interface with the following details:

- SQL Editor:** Contains the executed SQL query.
- Result Grid:** Displays the results of the query. The columns are **title**, **description**, **date_posted**, and **link**. One row is shown, representing a job titled "Full Season Environmental Education Intern" located in Boston.

title	description	date_posted	link
Full Season Environmental Education Intern	Reports to: Senior Education Program Manager... Junior Python Software Engineer We are looking for entry-level or junior software...	2022-11-24	https://www.linkedin.com/jobs/view/full-season-environmental-education-intern-at-growing-gardens-3376903138?refid=...

2. Select jobs based in Massachusetts.

```
SELECT title, description, date_posted, link FROM JobData
WHERE location_id IN (SELECT id FROM Location WHERE state='MA');
```

The screenshot shows the MySQL Workbench interface with the following details:

- SQL Editor:** Contains the executed SQL query.
- Result Grid:** Displays the results of the query. The columns are **title**, **description**, **date_posted**, and **link**. Multiple rows are shown, representing various internships across different companies and locations in Massachusetts.

title	description	date_posted	link
Full Season Environmental Education Intern	Reports to: Senior Education Program Manager... Junior Python Software Engineer Summer 2023 Internship - Application Develop...	2022-11-24	https://www.linkedin.com/jobs/view/full-season-environmental-education-intern-at-growing-gardens-3376903138?refid=...
Broker Intern	ADP is hiring a Summer 2023 GPT Intern. A... About Us: Hughes Marino is a global corporate ... DÖEN is a Los Angeles-based line inspired by ... WHY we get up in the morning At GHJ we help... Spring 2023 Internships at %C3%84en-3367039377?refid=u... Who are we? J/P/R is a global communications... Interns at Lavorne's The Agency Background: Lavonne's...	2022-11-30 2022-11-22 2022-10-24 2022-10-19 2022-11-23 2022-12-01 2022-10-16	https://www.linkedin.com/partner/jobListing.htm?pos=529&ao=1136043&s=58&guid=00000184cb3f47d89a4a6 https://www.linkedin.com/jobs/view/summer-2023-internship-application-development-at-adp-3376789490?refid=... https://www.linkedin.com/jobs/view/broker-intern-at-hughes-marino-32679521787?refid=SvIK5g%2BmxMvGDQ% https://www.linkedin.com/jobs/view/spring-2023-internships-at-%C3%84en-3367039377?refid=u...7W3tmOchox https://www.linkedin.com/jobs/view/ghj-2023-spring-summer-internship-program-at-gh-3359664350?refid=u...7W https://www.linkedin.com/jobs/view/spring-2023-student-internship-program-at-julio-garcia-marketing-public-relati... https://www.linkedin.com/jobs/view/intern-at-lavonne-s-the-agency-33758731277?refid=BM7s5a3zLjy%2FuDx3 https://www.linkedin.com/jobs/view/capital-markets-summer-internship-2023-at-cross-river-3336190881?refid=dr... https://www.linkedin.com/jobs/view/battery-data-analyst-internship-spring-2023-burlingame-ca-at-proterra-inc-328 https://www.linkedin.com/jobs/view/marketing-gameday-presentation-intern-at-houston-astros-3354660477?refid=...

3. Select Remote jobs.

```
SELECT title, description, date_posted, link
FROM JobData WHERE location_id IN (SELECT id FROM Location WHERE city='Remote');
```

```
1 • USE ai_jobs_database;
2
3 • SELECT title, description, date_posted, link
4 FROM JobData WHERE location_id IN (SELECT id FROM Location WHERE city='Remote')
```

4. Select the top 3 locations with low tax rates.

```
SELECT city FROM Location  
WHERE state IN  
(SELECT * FROM (SELECT state FROM state_data ORDER BY tax_rate ASC LIMIT 3) AS state_table);
```

```
1 • USE ai_jobs_database;
2
3 • SELECT city FROM Location
4 WHERE state IN (SELECT * FROM (SELECT state FROM state_data ORDER BY tax_rate ASC LIMIT 3) AS state_table)
```

city
Anchorage
Fairbanks
Gainesville
Homosassa Springs
Jacksonville
Key West
Lake City
Lakeland
Naples
Ocala
Orlando
Palatka

5. Select jobs at a location with the lowest tax rate.

```
SELECT title, description, date_posted, link
FROM JobData
WHERE location_id
IN (SELECT id FROM Location
WHERE state IN
(SELECT * FROM (SELECT state FROM state_data ORDER BY tax_rate ASC LIMIT 2) AS state_table);
```

```

1 • USE ai_jobs_database;
2
3 • SELECT title, description, date_posted, link
4   FROM JobData WHERE location_id IN (SELECT id FROM Location WHERE state IN
5     (SELECT * FROM (SELECT state FROM state_data ORDER BY tax_rate ASC LIMIT 2) AS state_table));

```

100% 75:5

Result Grid Filter Rows: Search Export:

title	description	date_posted	link
Machine Learning Intern (Summer 2023)	Company Description Dropbox is a leading global collaboration platform that's t...	2022-11-19	https://www.linkedin.com/jobs/view/mac
Spring Intern, Pandora Curation - Part-Time	Who We Are SiriusXM and its brands (Pandora, Stitcher, SXM Media, AdsWizz,...	2022-11-30	https://www.linkedin.com/jobs/view/sprin
Intern, Membership & Industry Relations (Nashville Chapter)	Internship Details SPRING INTERNSHIP APPLICATION DEADLINE FOR STUD...	2022-11-03	https://www.linkedin.com/jobs/view/inte
Data Governance Intern (Spring 2023)	Description This internship can be remote, but candidates must reside in either...	2022-11-16	https://www.linkedin.com/jobs/view/data
Clearloop Spring 2023 Internships	Clearloop Spring 2023 Internships Application: https://www.surveymonkey.com/r/ ...	2022-11-22	https://www.linkedin.com/jobs/view/clea
Summer 2023 Internships in Clean Energy: Trades, Law, Finance, Environmental Engin...	IntWork is recruiting paid Environmental Interns for Spring (January-May 2023)...	2022-12-01	https://www.linkedin.com/jobs/view/sumi
Sales & Business Development Intern - Summer 2023	We heard you knock! Internship Learning Outcomes As a Sales intern, you will w...	2022-11-18	https://www.linkedin.com/jobs/view/sale
Machine Learning Intern (Summer 2023)	Company Description Dropbox is a leading global collaboration platform that's t...	2022-11-19	https://www.linkedin.com/jobs/view/mac
Development Intern	Tampa, Job Number: FL #2223-023U Type: Internship Department: Developme...	2022-11-17	https://www.linkedin.com/jobs/view/dev
Information Technology Intern	Spring 2023 Internship Opportunity Libbey is offering an IT Internship for a mo...	2022-11-16	https://www.linkedin.com/jobs/view/infor
Machine Learning Intern (Summer 2023)	Company Description Dropbox is a leading global collaboration platform that's t...	2022-11-19	https://www.linkedin.com/jobs/view/mac
Summer Intern - Strategic Sourcing	Sunoco, L.P., the nation's largest fuel distribution company, is looking for interns t...	2022-11-08	https://www.linkedin.com/jobs/view/sumi
Knowledge Management Internship	WHAT MAKES US A GREAT PLACE TO WORK We are proud to be consistent... 2022-11-26	2022-11-26	https://www.linkedin.com/jobs/view/kno
2023 Summer Internship Program - Sales, Trading & Debt Underwriting	Piper Sandler is currently seeking an intern for Summer 2022 for our Sales, Trad...	2022-11-17	https://www.linkedin.com/jobs/view/2023

6. Select jobs at top 3 locations with low cost of living.

```

SELECT title, description, date_posted, link
FROM JobData WHERE location_id IN
(SELECT * FROM (SELECT id      FROM Location ORDER BY cost_of_living_index ASC LIMIT 3) AS location_table);

```

100% 20:3

Result Grid Filter Rows: Search Export:

```

1 • USE ai_jobs_database;
2
3 • SELECT title, description, date_posted, link FROM JobData WHERE location_id IN
4   (SELECT * FROM (SELECT id FROM Location ORDER BY cost_of_living_index ASC LIMIT 3) AS location_table);

```

100% 20:3

Result Grid Filter Rows: Search Export:

title	description	date_posted	link
International Marketing Partnerships Intern – Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-11-30	https://www.linkedin.com/jobs/view/int
Social Media Intern, Digital Marketing – Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-11-24	https://www.linkedin.com/jobs/view/so
Global Digital Marketing Intern – Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-11-30	https://www.linkedin.com/jobs/view/glo
Global Creative Content Intern – Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-11-30	https://www.linkedin.com/jobs/view/glc
Marketing Procurement Intern – Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-12-01	https://www.linkedin.com/jobs/view/mar
Data Science Intern, Theatrical Marketing – Spring 2023	Spe Intern The Sony Pictures Entertainment Internship program offers a unique...	2022-11-11	https://www.linkedin.com/jobs/view/da
Media & Talent Relations Intern – Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-11-30	https://www.linkedin.com/jobs/view/me
Gaming Shows Social & Digital Intern – Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-11-24	https://www.linkedin.com/jobs/view/ga
Global Scripted Development and Programming Intern, SPT – Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-11-14	https://www.linkedin.com/jobs/view/glc
Business Analysis Intern, Production & Studio Technology Services – Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-11-24	https://www.linkedin.com/jobs/view/bu
Data Science Intern, Theatrical Marketing - Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-11-14	https://www.linkedin.com/jobs/view/da
Special Investigations Intern, Legal – Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-11-25	https://www.linkedin.com/jobs/view/spi
Security, Safety & Sustainability Intern - Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-11-05	https://www.linkedin.com/jobs/view/sei
U.S. Corporate Development MBA Intern, Zoic Labs	Corporate Development MBA Intern About Zoic Labs Zoic Labs is an advanced v...	2022-10-26	https://www.linkedin.com/jobs/view/u-s
Legal Intern, Sony Pictures Animation – Spring 2023	The Sony Pictures Entertainment Internship program offers a unique opportunity...	2022-11-16	https://www.linkedin.com/jobs/view/leg
Global Exhibitor Partnerships Intern – Spring 2023	The Sony Pictures Entertainment Internship program offers a unique oportunity...	2022-11-30	https://www.linkedin.com/jobs/view/di

7. Select jobs from companies with size -> 51 to 200 Employees

```

SELECT title, description, date_posted, link
FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE size='51 to 200 Employees');

```

```

1 • USE ai_jobs_database;
2
3 • SELECT title, description, date_posted, link FROM JobData WHERE company_id IN
4   (SELECT id FROM Company WHERE size='51 to 200 Employees');

```

100% 1:4

Result Grid Filter Rows: Search Export:

title	description	date_posted	link
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=108&ao=1110586&s=58&guid=00000184cb3b65688ef6df5f	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=709&ao=1110586&s=58&guid=00000184cb4159fb9333e81	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=809&ao=1110586&s=58&guid=00000184cb42705d886090	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=909&ao=1110586&s=58&guid=00000184cb4397b7855b0f7	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1010&ao=1110586&s=58&guid=00000184cb44b530a0f1e6	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1110586&s=58&guid=00000184cb45e0db9fb1f1	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1210&ao=1110586&s=58&guid=00000184cb4707b0a71c5f	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1310&ao=1110586&s=58&guid=00000184cb4822bf52391	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1510&ao=1110586&s=58&guid=00000184cb49b8baec32t	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1610&ao=1110586&s=58&guid=00000184cb4bbb1ead15b6	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1810&ao=1110586&s=58&guid=00000184cb4e1243a3aaet	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1910&ao=1110586&s=58&guid=00000184cb4f43c5a94c35i	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=2010&ao=1110586&s=58&guid=00000184cb5087a7ac9c6c	
Sales Development Representative - Remote US	This is a REMOTE Position. To be con... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=2010&ao=1110586&s=58&guid=00000184cb5087a7ac9c6c	

8.Select jobs from Apple.

```

SELECT title, description, date_posted, link
FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE name='Apple');

```

Result Grid Filter Rows: Search Export:

title	description	date_posted	link
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1168&ao=1136043&s=58&guid=00000184cb3b65688ef6df5c	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=717&ao=1136043&s=58&guid=00000184cb4159fb9333e81	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=817&ao=1136043&s=58&guid=00000184cb42705d886090	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=917&ao=1136043&s=58&guid=00000184cb4397b7855b0f7	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1016&ao=1136043&s=58&guid=00000184cb44b530a0f1e6	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1116&ao=1136043&s=58&guid=00000184cb45e0db9fb1f1	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1216&ao=1136043&s=58&guid=00000184cb4707b0a71c5f	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1316&ao=1136043&s=58&guid=00000184cb4822bf52391	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1516&ao=1136043&s=58&guid=00000184cb49b8baec32t	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1616&ao=1136043&s=58&guid=00000184cb4bbb1ead15b6	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1716&ao=1136043&s=58&guid=00000184cb4c3faab2b66	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1816&ao=1136043&s=58&guid=00000184cb4e1243a3aaet	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1916&ao=1136043&s=58&guid=00000184cb4f43c5a94c35i	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=2016&ao=1136043&s=58&guid=00000184cb5087a7ac9c6c	
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=2116&ao=1136043&s=58&guid=00000184cb51d5e29ac44t	

9.Select internships based in Texas.

```

SELECT title, description, date_posted, link FROM JobData
WHERE employmentType = 'Internship' AND
location_id IN (SELECT id FROM Location WHERE state='TX');

```

```

1 • USE ai_jobs_database;
2
3 • SELECT title, description, date_posted, link FROM JobData
4 WHERE employmentType = 'Internship' AND
5 location_id IN (SELECT id FROM Location WHERE state='TX');

```

100% 56:5

Result Grid Filter Rows: Search Export:

title	description	date_posted	link
Intern Intern	This position is for an internship within... This position is for an internship within...	2022-11-04 2022-11-04	https://www.linkedin.com/jobs/view/intern-at-capital-farm-credit-3345754909?refId=EeYsmoptSI7PcE8pcBMoA%3
Vertex Summer Internship, Protein Sciences + Pharm...	Job Description Becoming a Protein Sci...	2022-12-01	https://www.linkedin.com/jobs/view/vertex-summer-internship-protein-sciences-%2B-pharmacology-at-vertex-pharm
Vertex Summer Internship, DCAT + Machine Learnin...	Job Description Becoming a DCAT +...	2022-12-01	https://www.linkedin.com/jobs/view/vertex-summer-internship-dcat-%2B-machine-learning-san-diego-ca-at-vertex-pl
Marketing Intern - Commercial Real Estate	Marketing Intern Northmarg - San Dieg...	2022-10-30	https://www.linkedin.com/jobs/view/marketing-intern-commercial-real-estate-at-northmarg-33698270247?refId=LGPp
Production and Supply Chain Intern - Summer 2023	Introduction to Shield AI Shield AI's mis...	2022-11-14	https://www.linkedin.com/jobs/view/production-and-supply-chain-intern-summer-2023-at-shield-ai-3357266725?refId=LCfC
HR Internship - Spring 2023	Advanced Behavioral Health, Inc. is loo...	2022-11-03	https://www.linkedin.com/jobs/view/hr-internship-spring-2023-at-advanced-behavioral-health-3344530166?refId=%2
Marketing Internship - Spring 2023	Advanced Behavioral Health, Inc. is loo...	2022-11-08	https://www.linkedin.com/jobs/view/marketing-internship-spring-2023-at-advanced-behavioral-health-3351632613?refId=%2
Intern the Otsuka Way: Data and Analytics (Data Tec...	Otsuka is a dynamic and vibrant organi...	2022-11-10	https://www.linkedin.com/jobs/view/intern-the-otsuka-way-data-and-analytics-data-technologies-analytics-solution-ot
Technology Rotational Development Program Interns...	At Bristol Myers Squibb, we are inspire...	2022-10-17	https://www.linkedin.com/jobs/view/technology-rotational-development-program-internship-summer-2023-at-bristol-m
Powertrain Calibration Engineering Internship (Spring...	At Roush, we fuse technology and engi...	2022-11-07	https://www.linkedin.com/jobs/view/powertrain-calibration-engineering-internship-spring-term-2023-at-roush-335027
Intern -- Electrical Engineer	Sargent & Lundy is one of the most exp...	2022-11-19	https://www.linkedin.com/jobs/view/intern-electrical-engineer-at-sargent-lundy-3297473649?refId=EeYsmoptSI7Pc
Environmental Engineering Internship	This is an intern position for the upcomi...	2022-11-30	https://www.linkedin.com/jobs/view/environmental-engineering-internship-at-steel-dynamics-inc-3379358818?refId=Ib
Adolescent Internships Summer 2023	Intern Description: This position requires a...	2022-11-06	https://www.linkedin.com/jobs/view/adolescent-internships-summer-2023-at-the-arts-club-new-york-33742990002

10. Select jobs from companies with revenue -> 1to5 million

```

SELECT title, description, date_posted, link
FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE revenue='$1 to $5 million (USD)');

```

```

1 • USE ai_jobs_database;
2
3 • Select * from company;
4
5 • SELECT title, description, date_posted, link FROM JobData WHERE company_id IN (SELECT id FROM
6 Company WHERE revenue='$1 to $5 million (USD)');

```

100% 16:5

Result Grid Filter Rows: Search Export:

title	description	date_posted	link
Data Scientist (C2C not available)	No C2C candidates can be supported....	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=117&ao=1136043&s=58&guid=00000184cb3b65688ef6df59
Data Scientist (C2C not available)	No C2C candidates can be supported....	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=7188&ao=1136043&s=58&guid=00000184cb4159fb9333e81
Data Scientist (C2C not available)	No C2C candidates can be supported....	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=8188&ao=1136043&s=58&guid=00000184cb42705d860907
Data Scientist (C2C not available)	No C2C candidates can be supported....	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=9188&ao=1136043&s=58&guid=00000184cb4397b7855b0f7
Data Scientist (C2C not available)	No C2C candidates can be supported....	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=9188&ao=1136043&s=58&guid=00000184cb4397b7855b0f7
Data Scientist (C2C not available)	No C2C candidates can be supported....	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1023&ao=1136043&s=58&guid=00000184cb446530a0f1e6
Data Scientist (C2C not available)	No C2C candidates can be supported....	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1123&ao=1136043&s=58&guid=00000184cb45e0dbf9bf1f
Data Scientist (C2C not available)	No C2C candidates can be supported....	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1223&ao=1136043&s=58&guid=00000184cb4707a071c59
Data Scientist (C2C not available)	No C2C candidates can be supported....	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1323&ao=1136043&s=58&guid=00000184cb4822bfaf52391
Data Scientist (C2C not available)	No C2C candidates can be supported....	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1423&ao=1136043&s=58&guid=00000184cb495c538955c7

11. Select jobs from companies with ratings >= 4.0

```

SELECT title, description, date_posted, link
FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE rating>=4.0);

```

```

1 • USE ai_jobs_database;
2
3 • Select * from company;
4
5 • SELECT title, description, date_posted, link
6   FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE rating>=4.0);

```

100% 64:6

Result Grid Filter Rows: Search Export:

title	description	date_posted	link
► 2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=103&ao=1110586&s=58&guid=00000184cb3b65688ef6df5
2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=804&ao=1110586&s=58&guid=00000184cb2705d886090
2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=904&ao=1110586&s=58&guid=00000184cb4397b7855b0f7
2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1004&ao=1110586&s=58&guid=00000184cb44b530a0f1e6
2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1104&ao=1110586&s=58&guid=00000184cb45e0db9fb1f1
2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1204&ao=1110586&s=58&guid=00000184cb4707ba71c55
2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1304&ao=1110586&s=58&guid=00000184cb4822bf52391
2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1404&ao=1110586&s=58&guid=00000184cb495c538955c7
2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1504&ao=1110586&s=58&guid=00000184cb49b8bae3c2t
2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1604&ao=1110586&s=58&guid=00000184cb4bb1ead15b1
2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1704&ao=1110586&s=58&guid=00000184cb4ce3faab2b86
2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1804&ao=1110586&s=58&guid=00000184cb4e1243a3eaat
2023 Data Science Fellowship	Overview The Institute for Defense Ana...	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1904&ao=1110586&s=58&guid=00000184cb4f43c5a94c35i

12. Select jobs with salary > 100000.

```

SELECT title, description, date_posted, link
FROM JobData WHERE id IN (SELECT job_id FROM derived_data WHERE value >100000 and category='Salary');

```

```

1 • USE ai_jobs_database;
2
3 • Select * from company;
4
5 • SELECT title, description, date_posted, link
6   FROM JobData WHERE id IN (SELECT job_id FROM derived_data WHERE value>100000 AND category='salary');

```

100% 9:5

Result Grid Filter Rows: Search Export:

title	description	date_posted	link
► Intern	Breakwater Strategy, a boutique strateg...	2022-11-14	https://www.linkedin.com/jobs/view/intern-at-breakwater-strategy-3357273629?refId=FX4gOWSoIv9%2FbjMc0u8hL
Programming Intern - Spring 2023	IMT Insurance is now accepting applica...	2022-11-03	https://www.linkedin.com/jobs/view/programming-intern-spring-2023-at-imt-insurance-3341095584?refId=L%2BQrU
Business Development Intern	Infinity Worlds Inc. is seeking an enthu...	2022-11-08	https://www.linkedin.com/jobs/view/business-development-intern-at-infinity-worlds-llc-33429836147?refId=xxw6DtRmh
Development Intern	Southfield, MI Job Number: MI #2223... NULL		https://www.linkedin.com/jobs/view/development-intern-at-american-lung-association-33832190967?refId=e0h3Qlr%
Spring Intern, Audience Development - Part-time	Who We Are SiriusXM and its brands (P... NULL	2022-11-30	https://www.linkedin.com/jobs/view/spring-intern-audience-development-part-time-at-stitcher-3345664487refId=e0t
Summer Internship 2023 - Software Engineering - Flo...	Why engineering at Stryker? At Stryker... NULL	2022-10-14	https://www.linkedin.com/jobs/view/summer-internship-2023-software-engineering-florida-at-stryker-3351056113?refId=Fx4gOWSoIv9%2FbjMc0u8hL
Data Intelligence Internship [Summer 2023]	Cohen & Company Certified Public Acc... NULL	2022-10-23	https://www.linkedin.com/jobs/view/data-intelligence-internship-summer-2023-at-cohen-company-3360945272?refId=refId
Development Intern	Summary Title:Development Intern ID:... NULL	2022-10-28	https://www.linkedin.com/jobs/view/development-intern-at-grubb-properties-3370194775?refId=ud7W3tmChox%2
User Experience Intern- OrangeWorks (Spring Semester)	POSITION PURPOSE The OrangeWor... NULL	2022-11-15	https://www.linkedin.com/jobs/view/user-experience-intern-orangeworks-spring-semester-at-the-home-depot-33302e
Data Intelligence Internship [Summer 2023]	Cohen & Company Certified Public Acc... NULL	2022-10-23	https://www.linkedin.com/jobs/view/data-intelligence-internship-summer-2023-at-cohen-company-3360942499?refId=refId
Internship	VW. Two letters. Endless opportunities... NULL	2022-11-16	https://www.linkedin.com/jobs/view/internship-at-volkswagen-of-america-inc-3359175011?refId=L%2FxOJ63ahoGe
Data Intelligence Internship [Summer 2023]	Cohen & Company Certified Public Acc... NULL	2022-10-24	https://www.linkedin.com/jobs/view/data-intelligence-internship-summer-2023-at-cohen-company-3361365649?refId=refId
Intern	Overview NISA Investment Advisors, LL... NULL	2022-10-18	https://www.linkedin.com/jobs/view/intern-at-nisa-investment-advisors-llc-3356945749?refId=FX4gOWSoIv9%2FbjMc0u8hL
Stryker, Summer Internship 2023 - Software Engineer...	This role is with Stryker. WayUp is part... NULL	2022-11-24	https://www.linkedin.com/jobs/view/stryker-summer-internship-2023-software-engineering-application-via-wayup-at-stryker-3345645187refId=Rz4
Spring Intern, Audience Development - Part-time	Who We Are SiriusXM and its brands (P... NULL	2022-11-30	https://www.linkedin.com/jobs/view/spring-intern-audience-development-part-time-at-stitcher-3345645187refId=Rz4
Development Intern	New York, Job Number: NYC #2223-02... NULL	2022-11-17	https://www.linkedin.com/jobs/view/development-intern-at-american-lung-association-3363827714?refId=w%2F0bn7
Human Resources Recruitment Internship	Museum of Science, Boston www.mos.... NULL	2022-11-18	https://www.linkedin.com/jobs/view/human-resources-recruitment-internship-at-museum-of-science-3364120981?refId=refId
Intern	Infinity Worlds Inc. is seeking an enthu... NULL	2022-11-21	https://www.linkedin.com/jobs/view/intern-at-infinity-worlds-llc-3363413595?refId=%2F329Qh5S2AddzRTQM0Rtg%

13. Select jobs where skill = Python.

```

SELECT title, description, date_posted, link
FROM JobData WHERE id IN (SELECT id FROM derived_data WHERE category='Skills' AND value like '%python%');

```

```

1 • USE ai_jobs_database;
2
3 • SELECT title, description, date_posted, link
4 FROM JobData WHERE id IN (SELECT id FROM derived_data WHERE category='Skills' AND value LIKE '%python%');

```

100% 106:4

Result Grid Filter Rows: Search Export: Fetch rows:

title	description	date_posted	link
Software Engineer Summer Internship	About Coda Coda started with an obser...	2022-11-12	https://www.linkedin.com/jobs/view/software-engineer-summer-internship-at-coda-3325646911?refId=aAGZNEIJKCSDnIDb6Q
Social Media Internship	Foundation Is Seeking Spring 2023 Soc...	2022-11-29	https://www.linkedin.com/jobs/view/social-media-internship-at-foundation-3373034117?refId=aAGZNEIJKCSZdNIDI
International Marketing Partnerships Intern – Spring 2...	The Sony Pictures Entertainment Intern...	2022-11-30	https://www.linkedin.com/jobs/view/international-marketing-partnerships-intern-%E2%80%93-spring-2023-at-sony-p
Product Manager Intern	At PayPal (NASDAQ: PYPL), we believ...	2022-12-01	https://www.linkedin.com/jobs/view/product-manager-intern-at-paypal-3273299426?refId=aAGZNEIJKCSZdNIDb6Q
Product Manager Intern	At PayPal (NASDAQ: PYPL), we believ...	2022-12-01	https://www.linkedin.com/jobs/view/product-manager-intern-at-paypal-32806052527?refId=aAGZNEIJKCSZdNIDb6Q
Intern, Revenue Technology - Data Analytics (Summe...	United States, Georgia, Atlanta Informat...	2022-11-23	https://www.linkedin.com/jobs/view/intern-revenue-technology-data-analytics-summer-2023-at-delta-air-lines-33401
Software Engineer Intern (Star Wars Jedi: Survivor)	Electronic Arts is looking for high perf...	NULL	https://www.linkedin.com/jobs/view/software-engineer-intern-star-wars-jedi-survivor-at-respawn-entertainment-3323
Public Relations Intern	SEQUEL is currently accepting applicati...	2022-11-02	https://www.linkedin.com/jobs/view/public-relations-intern-at-sequel-3341175637?refId=aAGZNEIJKCSZdNIDb6Q
Nike Applied Analytics Graduate Internship	Become a Part of the NIKE, Inc. Team...	2022-12-01	https://www.linkedin.com/jobs/view/nike-applied-analytics-graduate-internship-at-nike-3353725631?refId=aAGZNET
Security Engineering Intern, Security, Privacy, Assura...	Netflix is the world's leading streaming...	2022-11-16	https://www.linkedin.com/jobs/view/security-engineering-intern-security-privacy-assurance-at-netflix-3356614039?refId=aAGZNET
Social Media Intern, Digital Marketing – Spring 2023	The Sony Pictures Entertainment Intern...	2022-11-24	https://www.linkedin.com/jobs/view/social-media-intern-digital-marketing-%E2%80%93-spring-2023-at-sony-picture
Full Stack Software Engineer Intern - Summer Interns...	Fluke Corporation is looking for full stat...	NULL	https://www.linkedin.com/jobs/view/full-stack-software-engineer-intern-summer-internship-program-2023-at-fluke-co
Global Digital Marketing Intern – Spring 2023	The Sony Pictures Entertainment Intern...	2022-11-30	https://www.linkedin.com/jobs/view/global-digital-marketing-intern-%E2%80%93-spring-2023-at-sony-pictures-enter
2023 Summer Internship	***Please email your cover letter and re...	2022-11-15	https://www.linkedin.com/jobs/view/2023-summer-internship-at-raider-hill-3361254054?refId=aAGZNEIJKCSZdNIDI
Spring 2023: Cybersecurity Operations Intern (Under...	Introduction iRobot Corporation, with a...	2022-11-11	https://www.linkedin.com/jobs/view/spring-2023-cybersecurity-operations-intern-undergraduate-at-irobot-332458593
Data Science, Graduate Internship	Lowe's Summer Internship Program Ov...	2022-11-23	https://www.linkedin.com/jobs/view/data-science-graduate-internship-at-lowes-companies-inc-3276052622?refId=aAGZNET
Brand Marketing Intern (Winter/Spring 2023)	Join the leader in entertainment innovat...	2022-11-26	https://www.linkedin.com/jobs/view/brand-marketing-intern-winter-spring-2023-at-dolby-laboratories-3284579475?refId=aAGZNET

14. Select jobs related to Software Development.

```

SELECT title, description, date_posted, link
FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE industry='Software Development');

```

100%

Result Grid Filter Rows: Search Export: Fetch rows:

```

1 • USE ai_jobs_database;
2
3 • SELECT title, description, date_posted, link
4 FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE industry='Software Development');

```

100% 97:4

Result Grid Filter Rows: Search Export: Fetch rows:

title	description	date_posted	link
Software Engineer Summer Internship	About Coda Coda started with an obser...	2022-11-12	https://www.linkedin.com/jobs/view/software-engineer-summer-internship-at-coda-3325646911?refId=aAGZNEIJKCSDnIDb6Q
Internship Spring/Summer 2023 - Software Engineer,...	Why us? Blockchain technology is enab...	2022-11-12	https://www.linkedin.com/jobs/view/internship-spring-summer-2023-software-engineer-tools-at-certik-3325275277?refId=aAGZNEIJKCSZdNIDI
Legal Intern	Sony Corporation of America , located i...	2022-12-01	https://www.linkedin.com/jobs/view/legal-intern-at-sony-3344899340?refId=%2BQu%2FYYyzv1AYJq7TA%3D%refId=aAGZNET
Winter/Spring - Jr. Executive Sales Internship	The Paycom Junior Executive Internshi...	2022-11-14	https://www.linkedin.com/jobs/view/winter-spring-jr-executive-sales-internship-at-paycom-3353610652?refId=e0h3Q
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-3379446607?refId=bl
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-3379445761?refId=X
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-3379447135?refId=bl
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-3379445760?refId=bl
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-3379441961?refId=q
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-337944889?refId=w
Multiple Openings-Engineering Development Group I...	About This Program MathWorks has a...	2022-11-16	https://www.linkedin.com/jobs/view/multiple-openings-engineering-development-group-internship-at-mathworks-278
Intern - Business Development	At Cadence, we hire and develop leade...	2022-11-17	https://www.linkedin.com/jobs/view/intern-business-development-at-cadence-design-systems-322804872?refId=Sv
Design Engineering Intern	At Cadence, we hire and develop leade...	2022-11-18	https://www.linkedin.com/jobs/view/design-engineering-intern-at-cadence-design-systems-3327677253?refId=5KHr
Design Engineering Intern	At Cadence, we hire and develop leade...	2022-11-18	https://www.linkedin.com/jobs/view/design-engineering-intern-at-cadence-design-systems-3327679184?refId=OlxP

15. Select jobs related to Software Development and skill as Python

```

SELECT title, description, date_posted, link
FROM JobData WHERE company_id
IN (SELECT id FROM Company WHERE industry='Software Development')
AND id IN
(SELECT id FROM derived_data WHERE category='Skills' AND value like '%python%');

```

```

1 • USE ai_jobs_database;
2
3 • SELECT title, description, date_posted, link
4   FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE
5     industry='Software Development') AND id IN (SELECT id FROM derived_data WHERE
6       category='Skills' AND value LIKE '%python%');

```

100% 9:5

Result Grid Filter Rows: Search Export:

title	description	date_posted	link
► Software Engineer Summer Internship Internship Spring/Summer 2023 - Software Engineer,...	About Coda Coda started with an obser... Why us? Blockchain technology is enab... Legal Intern	2022-11-12	https://www.linkedin.com/jobs/view/software-engineer-summer-internship-at-coda-3325646911?refId=aAGZNEtJKC
Winter/Spring - Jr. Executive Sales Internship	Sony Corporation of America , located i... About The Team We are hiring MBA int...	2022-11-01	https://www.linkedin.com/jobs/view/legal-intern-at-sony-3344899340?refId=%2BQrl%2FrjYYzv1AVJqjZTA%3D
MBA Intern, Strategy & Operations - Summer 2023	The Paycom Junior Executive Internshi... About The Team We are hiring MBA int...	2022-11-14	https://www.linkedin.com/jobs/view/winter-spring-jr-executive-sales-internship-at-paycom-3353610652?refId=eoH3C
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int... About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-3379446607?refId=b
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int... About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-337944761?refId=d
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int... About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-337944889?refId=e
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int... About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-337944983?refId=f
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int... About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-3379447135?refId=g
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int... About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-3379445760?refId=j
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int... About The Team We are hiring MBA int...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-3379441961?refId=e
MBA Intern, Strategy & Operations - Summer 2023	About The Team We are hiring MBA int... About This Program MathWorks has a ...	2022-11-29	https://www.linkedin.com/jobs/view/mba-intern-strategy-operations-summer-2023-at-doordash-337944889?refId=v
Multiple Openings-Engineering Development Group i...	About This Program MathWorks has a ... Intern - Business Development	2022-11-16	https://www.linkedin.com/jobs/view/multiple-openings-engineering-development-group-internship-at-mathworks-278
Intern - Business Development	At Cadence, we hire and develop lead... Design Engineering Intern	2022-11-17	https://www.linkedin.com/jobs/view/intern-business-development-at-cadence-design-systems-32280482?refId=S
Design Engineering Intern	At Cadence, we hire and develop lead... Design Engineering Intern	2022-11-18	https://www.linkedin.com/jobs/view/design-engineering-intern-at-cadence-design-systems-3327677253?refId=5KHf
Design Engineering Intern	At Cadence, we hire and develop lead... Design and Product Engineering Intern	2022-11-18	https://www.linkedin.com/jobs/view/design-engineering-intern-at-cadence-design-systems-3327679184?refId=OxP
Design and Product Engineering Intern	At Cadence, we hire and develop lead... Design Engineering Intern	2022-11-16	https://www.linkedin.com/jobs/view/design-and-product-engineering-intern-at-cadence-design-systems-332623247e
Design Engineering Intern	At Cadence, we hire and develop lead... Marketing Analytics Intern, Demand Generation	2022-11-18	https://www.linkedin.com/jobs/view/design-engineering-intern-at-cadence-design-systems-3327679183?refId=52SH
Marketing Analytics Intern, Demand Generation	We are actively looking for a Market... Marketing Intern (Spring 2023, Remote)	2022-11-18	https://www.linkedin.com/jobs/view/marketing-analytics-intern-demand-generation-at-grafana-labs-3305316292?refId=r
Marketing Intern (Spring 2023, Remote)	Overview The Marketing Intern participa...	2022-11-18	https://www.linkedin.com/jobs/view/marketing-intern-spring-2023-remote-at-vectorworks-3343967920?refId=jXZK

16. Select Apple jobs with title data scientist

```

SELECT title, description, date_posted, link
FROM JobData WHERE title LIKE '%AI/ML%'
AND company_id IN (SELECT id FROM Company WHERE name='Apple');

```

100% 38:4

Result Grid Filter Rows: Search Export:

title	description	date_posted	link
► The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=116&ao=1136043&s=58&guid=00000184cb3b6588ef6df59
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=717&ao=1136043&s=58&guid=00000184cb4159fb9333e81
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=817&ao=1136043&s=58&guid=00000184cb42705d860907
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=917&ao=1136043&s=58&guid=00000184cb4397b7855b0f7
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1016&ao=1136043&s=58&guid=00000184cb440530a0f1e6
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1116&ao=1136043&s=58&guid=00000184cb45e0db9fbff
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1216&ao=1136043&s=58&guid=00000184cb47070a71c59
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1316&ao=1136043&s=58&guid=00000184cb48229fa52391
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1516&ao=1136043&s=58&guid=00000184cb49b8baec32b
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1616&ao=1136043&s=58&guid=00000184cb4bb1ead15b8
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1716&ao=1136043&s=58&guid=00000184cb4ce3faab286f
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1816&ao=1136043&s=58&guid=00000184cb4e1243a3eaat
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=1916&ao=1136043&s=58&guid=00000184cb4f43c5a94c35
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=2016&ao=1136043&s=58&guid=00000184cb5087a7ac960
The Scoop - AI/ML Opportunities	Summary Posted: Oct 12, 2022 Role N... The Scoop - AI/ML Opportunities	NULL	https://www.glassdoor.com/partner/jobListing.htm?pos=2116&ao=1136043&s=58&guid=00000184cb51d5e29ac44b

17. Select Data Science EnhanceIT jobs in San Francisco.

```

SELECT title, description, date_posted, link
FROM JobData
WHERE title LIKE '%Data Scientist%'
AND company_id in (SELECT id FROM company WHERE name='Enhance IT')
and location_id in (SELECT id FROM Location WHERE city = 'San Diego');

```

Query 1 ai_jobs_database Administration - Server Status SQL File 3*

```

27 •  SELECT title, description, date_posted, link FROM JobData WHERE title LIKE '%Data Scientist%'
28 AND company_id IN (SELECT id FROM company WHERE name='Enhance IT')
29 AND location_id IN (SELECT id FROM Location WHERE city = 'San Diego');
30
31
32
33
34
35
36
37
38
39
    
```

Result Grid Filter Rows: Q Search Export:

title	description	date_posted	link
Junior Data Scientist	data scientist seeking grow enhance technical c...	2022-11-24	https://www.glassdoor.com/partner/jobListing.htm...
Junior Data Scientist	data scientist seeking grow enhance technical c...	2022-11-24	https://www.glassdoor.com/partner/jobListing.htm...
Junior Data Scientist	data scientist seeking grow enhance technical c...	2022-11-24	https://www.glassdoor.com/partner/jobListing.htm...
Junior Data Scientist	data scientist seeking grow enhance technical c...	2022-11-24	https://www.glassdoor.com/partner/jobListing.htm...
Junior Data Scientist	data scientist seeking grow enhance technical c...	2022-11-24	https://www.glassdoor.com/partner/jobListing.htm...

18. Select associate jobs in Boston

```

SELECT title, description, date_posted, link, location_id
FROM JobData WHERE seniority_level='Associate' and location_id IN (SELECT id FROM Location WHERE city='New York City
Metropolitan Area');
    
```

Query 1 ai_jobs_database Administration - Server Status SQL File 3*

```

27 •  SELECT title, description, date_posted, link, location_id
28 FROM JobData WHERE seniority_level='Associate' and location_id IN (SELECT id FROM Location WHERE city='New York City Metropolitan Area');
29
30
31
32
33
34
35
36
37
38
39
    
```

Result Grid Filter Rows: Q Search Export:

title	description	date_posted	link	loc...
International Marketing Pa...	sony picture entertainment internship program o...	2022-11-30	https://www.linkedin.com/jobs/view/international... 511	
Social Media Intern, Digital...	sony picture entertainment internship program o...	2022-11-24	https://www.linkedin.com/jobs/view/social-media... 511	
Global Digital Marketing In...	sony picture entertainment internship program o...	2022-11-30	https://www.linkedin.com/jobs/view/global-digital... 511	
Global Creative Content In...	sony picture entertainment internship program o...	2022-11-30	https://www.linkedin.com/jobs/view/global-creati... 511	
Marketing Procurement Int...	sony picture entertainment internship program o...	2022-12-01	https://www.linkedin.com/jobs/view/marketing-pr... 511	

19. Searching for Jobs where seniority level is Mid-Senior level and salary ranges between 50000 and 100000

```

SELECT title, description, date_posted, link
FROM JobData WHERE seniority_level = 'Mid-Senior level'
AND id IN (SELECT job_id FROM derived_data WHERE Category = 'Salary'
AND value BETWEEN 50000 and 100000);;
    
```

The screenshot shows the MySQL Workbench interface. In the top tab bar, 'Query 1' is selected, and the database is set to 'ai_jobs_database'. The SQL editor contains the following query:

```

27 •  SELECT title, description, date_posted, link
28   FROM JobData WHERE seniority_level = 'Mid-Senior level'
29   AND id IN (SELECT job_id FROM derived_data WHERE Category = 'Salary'
30   AND value BETWEEN 50000 and 100000);
31
32
33
34
35
36
37
38
  
```

The result grid below shows one row of data:

title	description	date_posted	link
Business Data & Analytics... basic tanium looking curious driven hardworking...	2022-11-16	https://www.linkedin.com/jobs/view/business-data-analyst-in-new-york-city-nyc-new-york-ny-usa/	

20. Select jobs from apple where job description contains H1B.

```
'SELECT title, description, date_posted, link
FROM JobData WHERE description LIKE '%H1B%'
AND company_id IN (SELECT id FROM Company WHERE name='Apple');
```

![title](images/query20.png)

View Queries

1. Select jobs based in Boston

```
CREATE VIEW jobs_boston AS
SELECT title, description, date_posted, link FROM JobData WHERE location_id = (SELECT id FROM Location WHERE city='Boston');
```

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following code:

```

136 •  CREATE VIEW jobs_boston AS
137   SELECT title, description, date_posted, link FROM JobData WHERE
138   location_id = (SELECT id FROM Location WHERE city='Boston');
139
140 •  select * from jobs_boston;
141
142 •  drop table jobData;
143
144
145
  
```

The result grid shows one row of data:

title	description	date_posted	link
Software Engineer-Machine Learning	Your work days are brighter here. At Workday, ...	2022-12-13	https://www.linkedin.com/jobs/view/software-engineer-machine-learning-in-new-york-city-nyc-new-york-ny-usa/

2. Select jobs based in Massachusetts

```
CREATE VIEW jobs_ma AS SELECT title, description, date_posted, link FROM JobData WHERE location_id IN (SELECT id FROM Location WHERE
state='MA');
```

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** The current schema is 'sakila'.
- Code Editor:** The code being run is:


```

131     PRIMARY KEY(`skill_id`, `job_id`)
132   );
133
134 • select * from skills_jobs_data;
135
136 • CREATE VIEW jobs_ma AS
137   SELECT title, description, date_posted, link FROM JobData
138   WHERE location_id IN (SELECT id FROM Location WHERE state='MA');
139
140 • select * from jobs_ma
141
142
      
```
- Result Grid:** The results of the query show job listings for Massachusetts (MA). One entry is highlighted:

title	description	date_posted	link
Data Analyst	Description We are seeking a certified Data Ana...	2022-12-09	https://www.linkedin.com/jobs/view/da...
Software Engineer-Machine Learning	Your work days are brighter here. At Workday, ...	2022-12-13	https://www.linkedin.com/jobs/view/so...
Data Analyst	Data Analyst Job Description: Support data mi...	2022-12-05	https://www.linkedin.com/jobs/view/da...
Data Analyst	ESG provides consulting services in the areas of...	2022-12-02	https://www.linkedin.com/jobs/view/da...
Data Analyst - NLP	HTC Global Services wants you. Come build new...	2022-12-01	https://www.linkedin.com/jobs/view/da...
Data Analyst	Title: Business Intelligence Analyst. Position De...	2022-12-02	https://www.linkedin.com/jobs/view/da...
Data Analyst	HTC Global Services wants you. Come build new...	2022-12-02	https://www.linkedin.com/jobs/view/da...
Senior Data Scientist	DEARBORN PUBLIC HEALTH JOB OPENING - S...	2022-12-06	https://www.linkedin.com/jobs/view/se...
Project Data Analyst	HTC Global Services wants you. Come build new...	2022-12-05	https://www.linkedin.com/jobs/view/pr...
- Message Bar:** A message states: "Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help."

3. Select Remote jobs

```
CREATE VIEW jobs_remote AS SELECT title, description, date_posted, link FROM JobData WHERE location_id IN (SELECT id FROM Location WHERE city='Remote');
```

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** The current schema is 'sakila'.
- Code Editor:** The code being run is:


```

132   );
133
134 • select * from skills_jobs_data;
135
136 • CREATE VIEW locations_low_tax AS
137   SELECT city FROM Location WHERE state IN
138   (SELECT * FROM (SELECT state FROM state_data ORDER BY tax_rate ASC LIMIT 3) AS state_table);
139
140 • select * from locations_low_tax;
141
142
      
```
- Result Grid:** The results of the query show cities with the lowest tax rates:

city
Anchorage
Fairbanks
Gainesville
Homosassa Springs
Jacksonville
Key West
Lake City
Lakeland
Naples
Ocala
Orlando
- Message Bar:** A message states: "Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help."

4. Select locations from states with low tax rates

```
CREATE VIEW locations_low_tax AS SELECT city FROM Location WHERE state IN (SELECT * FROM (SELECT state FROM state_data ORDER BY tax_rate ASC LIMIT 3) AS state_table);
```

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar has sections for Navigator, Schemas, Administration, and Information. The Schema dropdown is set to 'sakila'. The main area displays a query editor with the following SQL code:

```
134 • select * from skills_jobs_data;
135
136 • CREATE VIEW jobs_low_tax AS
137     SELECT title, description, date_posted, link
138     FROM JobData WHERE location_id IN (SELECT id FROM Location
139     WHERE state IN
140         (SELECT * FROM (SELECT state FROM state_data ORDER BY tax_rate ASC LIMIT 2) AS state_table));
141
142 • select * from jobs_low_tax;
143
```

Below the code is a Result Grid showing the results of the last query. The columns are title, description, date_posted, and link. The results are as follows:

title	description	date_posted	link
Data Visualization	Description This position is for a Consultant with...	2022-12-01	https://www.linkedin.com/jobs/view/d...
Data Analyst - Operational Excellence	Company Overview KLA is a global leader in div...	2022-12-12	https://www.linkedin.com/jobs/view/d...
Research Lab Specialist Senior	How to Apply A cover letter is required for con...	2022-11-30	https://www.glassdoor.com/partner/jo...
Data Analyst	Data Analyst Contract-to-Hire Remote - Based i...	2022-12-04	https://www.linkedin.com/jobs/view/d...
Data Scientist Internship - ML (US)	2022-75205 Asurion Data Science Internship - ...	2022-12-04	https://www.linkedin.com/jobs/view/d...
Data Scientist Internship - OR (US)	2022-75202 Asurion Data Science Internship - ...	2022-12-04	https://www.linkedin.com/jobs/view/d...
Data Scientist Internship - OR (US)	2022-75202 Asurion Data Science Internship - ...	2022-12-04	https://www.linkedin.com/jobs/view/d...
Business Data Analyst	2022-75205 Asurion Data Science Internship - ...	2022-12-04	https://www.linkedin.com/jobs/view/d...
Principal Data Scientist	Job Family: Data Science Type: Full time Date P...	2022-11-19	https://www.linkedin.com/jobs/view/pr...

The bottom status bar shows the duration of the fetch as 0ms.

5. Select jobs at location with lowest tax rates

```
CREATE VIEW jobs_low_tax AS SELECT title, description, date_posted, link FROM JobData WHERE location_id IN (SELECT id FROM Location WHERE state IN (SELECT * FROM (SELECT state FROM state_data ORDER BY tax_rate ASC LIMIT 2) AS state_table));
```

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar has sections for Administration, Schemas, and Information, with 'Schema: sakila' selected. The main area displays a query editor with the following SQL code:

```
132  );
133
134 •   select * from skills_jobs_data;
135
136 •   CREATE VIEW jobs_low_living_cost AS
137     SELECT title, description, date_posted, link FROM JobData
138     WHERE location_id IN (SELECT * FROM
139       (SELECT id FROM Location ORDER BY cost_of_living_index ASC LIMIT 3) AS location_table);
140
141 •   select * from jobs_low_living_cost;
```

The result grid shows the data from the 'jobs_low_living_cost' view:

	title	description	date_posted	link
▶	Data Scientist	Grammarly is excited to offer a remote-first hyb...	2022-12-02	https://www.linkedin.com/jobs/
▶	Software Engineer, Machine Learning (Grammar...	Grammarly is excited to offer a remote-first hyb...	2022-12-02	https://www.linkedin.com/jobs/
▶	Data Analytics Analyst	What Data Analytics contributes to Cardinal He...	2022-12-07	https://www.linkedin.com/jobs/
▶	Data Analyst	Must-haves: 5 years in enterprise data analysis ...	2022-12-12	https://www.linkedin.com/jobs/
▶	Data Analyst I	As a member of the Employee Success Data tea...	2022-11-14	https://www.linkedin.com/jobs/
▶	Data Analyst	Data Analyst Contract or Contract-Hire Re...	2022-11-30	https://www.linkedin.com/jobs/
▶	Data Analyst, QMS	Join the fight against cancer. Data Analyst, QM...	2022-11-30	https://www.linkedin.com/jobs/
▶	NGSE Data Scientist	Candidates can be based anywhere in the U.S. ...	2022-12-02	https://www.linkedin.com/jobs/
▶	Principal Data Scientist	Principal Data Scientist ⌂ HealthTech Start ...	2022-12-02	https://www.linkedin.com/jobs/
▶	Senior Data Analyst	AcuityMD is the first software and data platfor...	2022-12-02	https://www.linkedin.com/jobs/

The bottom status bar shows the duration of the fetch as 0ms, a battery icon, and the time as 22:48 on 14/12/2022.

6. Select jobs at top 3 locations with low cost of living.

```
CREATE VIEW jobs_low_living_cost AS SELECT title, description, date_posted, link FROM JobData WHERE location_id IN (SELECT * FROM (SELECT id FROM Location ORDER BY cost_of_living_index ASC LIMIT 3) AS location_table);
```

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance MySQL57, public_schema, sakila.
- SQL Editor:** Contains the following SQL code:


```

133
134 • select * from skills_jobs_data;
135
136 • CREATE VIEW jobs_low_living_cost AS
137     SELECT title, description, date_posted, link FROM JobData WHERE
138         location_id IN (SELECT id FROM Location ORDER BY cost_of_living_index ASC LIMIT 3)
139         AS location_table;
140
141 • select * from jobs_low_living_cost;
142
      
```
- Result Grid:** Shows the results of the query, listing various job titles, descriptions, posting dates, and links. For example:

title	description	date_posted	link
Data Scientist	Grammariy is excited to offer a remote-first hyb...	2022-12-02	https://www.linkedin.com/jobs/view/data-scie...
Software Engineer, Machine Learning (Grammarly)	Grammariy is excited to offer a remote-first hyb...	2022-12-02	https://www.linkedin.com/jobs/view/software...
Data Analytics Analyst	What Data Analytics contributes to Cardinal He...	2022-12-07	https://www.linkedin.com/jobs/view/data-ana...
Data Analyst	Must-haves 5 years in enterprise data analysis ...	2022-12-12	https://www.linkedin.com/jobs/view/data-ana...
Data Analyst I	As a member of the Employee Success Data tea...	2022-11-14	https://www.linkedin.com/jobs/view/data-ana...
Data Analyst	Data Analyst Contract or Contract-To-Hire Re...	2022-11-30	https://www.linkedin.com/jobs/view/data-ana...
Data Analyst, QMS	Join the fight against cancer. Data Analyst, QM...	2022-11-30	https://www.linkedin.com/jobs/view/data-ana...
NGSE Data Scientist	Candidates can be based anywhere in the US. ...	2022-12-02	https://www.linkedin.com/jobs/view/ngse-dat...
Principal Data Scientist	Principal Data Scientist ⚡ HealthTech Start ...	2022-12-02	https://www.linkedin.com/jobs/view/principa...
Senior Data Analyst	AcuityMD is the first software and data platfor...	2022-12-02	https://www.linkedin.com/jobs/view/senior-de...
- Message Bar:** Shows "Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help."
- System Tray:** Shows battery level at 100%, network status, and system time (22:49, 14/12/2022).

7. Select jobs from companies with size > 51 to 200 Employees

```
CREATE VIEW jobs_51_200_emp AS SELECT title, description, date_posted, link FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE size='51 to 200 Employees');
```

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance MySQL57, public_schema, sakila.
- SQL Editor:** Contains the following SQL code:


```

131
132     PRIMARY KEY(`skill_id`,`job_id`)
133 );
134
135
136 • select * from skills_jobs_data;
137
138 • CREATE VIEW jobs_51_200_emp AS
139     SELECT title, description, date_posted, link FROM JobData
140     WHERE company_id IN (SELECT id FROM Company WHERE size='51 to 200 Employees');
141
142 • select * from jobs_51_200_emp;
143
      
```
- Result Grid:** Shows the results of the query, listing two job entries. For example:

title	description	date_posted	link
Senior Principal AI Software Engineer - DRI	Job Description: President Edge is seeking a Se...	NULL	https://www.glassdoor.com/partner/joblisting...
Senior Data Analyst	Welcome to Pine Park Health! About Us Pine...	NULL	https://www.glassdoor.com/partner/joblisting...
- Message Bar:** Shows "Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help."
- System Tray:** Shows battery level at 100%, network status, and system time (22:50, 14/12/2022).

8. Select jobs from Apple

```
CREATE VIEW jobs_apple AS SELECT title, description, date_posted, link FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE name='Apple');
```

MySQL Workbench Screenshot:

```

132  );
133
134 • select * from skills_jobs_data;
135
136 • CREATE VIEW jobs_apple AS
137   SELECT title, description, date_posted, link FROM JobData
138   WHERE company_id IN (SELECT id FROM Company WHERE name='Apple');
139
140 • select * from jobs_apple;
141
  
```

The Result Grid shows the following data:

title	description	date_posted	link
Machine Learning Engineer, Sense Maps - SPG	Summary The Sense Maps team develops mac...	2022-12-02	https://www.linkedin.com/jobs/view/machine-le...
Data Scientist - Batteries	Summary Do you have a passion for invention ...	2022-12-06	https://www.linkedin.com/jobs/view/data-scienc...
AIML - ML Infrastructure Software Engineer, M...	Summary Imagine what you could do here. At ...	2022-12-08	https://www.linkedin.com/jobs/view/aiml-ml-infr...
AIML - UI Engineer, AIML Data	Summary The vision for the AIML Data organiz...	2022-12-09	https://www.linkedin.com/jobs/view/aiml-ui-eng...
Data Software Engineer - Camera Hardware	Summary Apple builds cameras at a scale that...	2022-12-03	https://www.linkedin.com/jobs/view/data-softw...
Data Software Engineer - Camera Hardware	Summary Apple builds cameras at a scale that...	2022-12-03	https://www.linkedin.com/jobs/view/data-softw...
AI/ML - Senior Data Engineer, AI/ML Data	Summary The AI/ML Data team is hiring in Seat...	2022-12-03	https://www.linkedin.com/jobs/view/ai-ml-serio...

9. Select internships based in Texas.

```
CREATE VIEW jobs_intern_texas AS SELECT title, description, date_posted, link FROM JobData WHERE employmentType = 'Internship' AND location_id IN (SELECT id FROM Location WHERE state='TX');
```

MySQL Workbench Screenshot:

```

1
2 • CREATE VIEW jobs_intern_texas AS
3   SELECT title, description, date_posted, link FROM JobData
4   WHERE employmentType = 'Internship' AND location_id IN (SELECT id FROM Location WHERE state='TX');
5
6
7 • select * from jobs_intern_texas;
8
9 • drop table jobData;
10 • drop view jobs_intern_texas;
11
12 • select * from JobData WHERE id = 3129194093
  
```

The Result Grid shows the following data:

title	description	date_posted	link
Data Scientist Intern	Element Biosciences is a multi-disciplinary startup...	NULL	https://www.linkedin.com/jobs/view/data-scienc...

Message: 0 row(s) affected

10. Select jobs from companies with revenue > 1to5 million

```
CREATE VIEW jobs_revenue_1_5 AS SELECT title, description, date_posted, link FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE revenue='1to5 billion (USD)' );
```

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance MySQL57, public_schema, sakila.
- SQL Editor:** Contains the SQL code for creating the 'jobs_revenue_1_5' view.
- Result Grid:** Displays the results of the query, showing job titles, descriptions, posting dates, and links.
- Toolbar:** Includes icons for file operations, database management, and help.
- Status Bar:** Shows the date and time as 14/12/2022 22:58.

```

129 FOREIGN KEY(`skill_id`) REFERENCES skill_data(`id`),
130 FOREIGN KEY(`job_id`) REFERENCES jobData(`id`),
131 PRIMARY KEY(`skill_id`,'job_id')
132 );
133
134 • select * from skills_jobs_data;
135
136 • CREATE VIEW jobs_revenue_1_5 AS
137     SELECT title, description, date_posted, link FROM JobData
138     WHERE company_id IN (SELECT id FROM Company WHERE revenue='\$1 to \$5 billion (USD)');
139
140 • select * from jobs_revenue_1_5;
141
142 • drop table jobdata;
143 • drop view jobs_revenue_1_5;
144

```

title	description	date_posted	link
Collections Requirements Manager (CRM) - Senior...	Senior Level Collections Requirements Manager ...	NULL	https://www.glassdoor.com/partner/joblisting...
Program Manager / AI Research Engineering Ma...	Program Manager / AI Research Engineering Ma...	NULL	https://www.glassdoor.com/partner/joblisting...
Senior Systems Engineer (Data Scientist)	Basic Qualifications : Requires a Bachelor's deg...	NULL	https://www.glassdoor.com/partner/joblisting...
Senior Director, Statistical Programming (Southe...	This is a unique opportunity to join an early-sta...	NULL	https://www.glassdoor.com/partner/joblisting...
Lead Data Scientist	At Odyssey, we believe high expectations are t...	NULL	https://www.glassdoor.com/partner/joblisting...

11. Select jobs from companies with ratings >= 4.0

CREATE VIEW jobs_rating_4 AS SELECT title, description, date_posted, link FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE rating>=4.0);

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance MySQL57, public_schema, sakila.
- SQL Editor:** Contains the SQL code for creating the 'jobs_rating_4' view.
- Result Grid:** Displays the results of the query, showing job titles, descriptions, posting dates, and links.
- Toolbar:** Includes icons for file operations, database management, and help.
- Status Bar:** Shows the date and time as 14/12/2022 22:59.

```

125
126 • CREATE TABLE `skill_jobs_data` (
127     `skill_id` bigint unique,
128     `job_id` bigint unique,
129     FOREIGN KEY(`skill_id`) REFERENCES skill_data(`id`),
130     FOREIGN KEY(`job_id`) REFERENCES jobData(`id`),
131     PRIMARY KEY(`skill_id`,'job_id')
132 );
133
134 • select * from skills_jobs_data;
135
136 • CREATE VIEW jobs_rating_4 AS
137     SELECT title, description, date_posted, link FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE rating>=4.0);
138
139 • select * from jobs_rating_4;
140

```

title	description	date_posted	link
Data Scientist / Principal Data Scientist	Requisition ID: R10046910 Category: Resear...	NULL	https://www.glassdoor.com/partner/joblisting...
Data Science & Engineering - Operations Resea...	Requisition ID: R10053885 Category: Resear...	NULL	https://www.glassdoor.com/partner/joblisting...
Sentinel (GSD) Software Engineer/Data Scienti...	Requisition ID: R10081962 Category: Enginee...	NULL	https://www.glassdoor.com/partner/joblisting...
Manager, Data Science	PRIMARY PURPOSE: Serve Wings Financial by t...	NULL	https://www.glassdoor.com/partner/joblisting...
Senior Principal AI Software Engineer - DRI	Job Description: President Edge is seeking a S...	NULL	https://www.glassdoor.com/partner/joblisting...
Data Link Scientist/Engineer, CTG SE-3, TGBG ...	Overview: Oasis Systems has an exciting oppo...	NULL	https://www.glassdoor.com/partner/joblisting...

12. Select jobs with salary > 100000

CREATE VIEW jobs_salary_100k AS SELECT title, description, date_posted, link FROM JobData WHERE id IN (SELECT job_id FROM derived_data WHERE value >100 and category='Salary');

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance MySQL57 contains public_schema, sakila, sys, and world.
- SQL Editor:** The code pane displays the creation of a table 'skill_jobs_data' and a view 'jobs_salary_100k'. The table has columns skill_id and job_id. The view selects from 'skill_jobs_data' where job_id is in a derived subquery of 'derived_data' where value > 100 and category = 'Salary'.
- Result Grid:** The results of the 'jobs_salary_100k' query are shown, listing various job titles, descriptions, posting dates, and links.
- Toolbar:** Includes standard MySQL Workbench icons for file operations, database management, and scripting.
- System Tray:** Shows system status including battery level, network connection, and date/time (14/12/2022).

13. Select jobs where skill = Python

```
CREATE VIEW jobs_python AS SELECT title, description, date_posted, link FROM JobData WHERE id IN (SELECT id from skills_jobs_data where skill_id IN (SELECT id FROM skill_data WHERE skill_name like '%python%'));
```

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance MySQL57 contains public_schema, sakila, sys, and world.
- SQL Editor:** The code pane displays the creation of a view 'jobs_python'. It uses a subquery to select job IDs from 'skills_jobs_data' where skill_id corresponds to a skill name starting with '%python%' in 'skill_data'. The view then selects from 'JobData' using these IDs.
- Result Grid:** The results of the 'jobs_python' query are shown, listing various job titles, descriptions, posting dates, and links.
- Toolbar:** Includes standard MySQL Workbench icons for file operations, database management, and scripting.
- System Tray:** Shows system status including battery level, network connection, and date/time (14/12/2022).

14. Select jobs related to Software Development industry

```
CREATE VIEW jobs_software AS SELECT title, description, date_posted, link FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE industry='Software Development');
```

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance MySQL57, public_schema, sakila.
- SQL Editor:** Contains the SQL code for creating the 'jobs_software' view.
- Result Grid:** Displays the results of the query, listing various job titles, descriptions, posting dates, and links.
- Toolbar:** Includes standard MySQL icons for file operations, database management, and scripting.
- Status Bar:** Shows the date (14/12/2022), time (23:11), and system information (ENG INTL).

```

CREATE VIEW jobs_software AS
SELECT title, description, date_posted, link FROM JobData WHERE company_id IN
(SELECT id FROM Company WHERE industry='Software Development');

select * from jobs_software;
  
```

title	description	date_posted	link
Data Scientist	hadajob has partnered with a FinTech compa...	2022-12-06	https://www.linkedin.com/jobs/view/data-scientist/
Python Developer	The client is a fully independent, global manage...	NULL	https://www.linkedin.com/jobs/view/python-developer/
Data Scientist, Data Analytics Engineering	Working at Atlassian Atlassian can hire people i...	NULL	https://www.linkedin.com/jobs/view/data-scientist-data-analytics-engineering/
Data Scientist, Data Analytics Engineering	Working at Atlassian Atlassian can hire people i...	NULL	https://www.linkedin.com/jobs/view/data-scientist-data-analytics-engineering/
Machine Learning Software Engineer	ML Handson Tensorflow Dev ML pipeline and pr...	NULL	https://www.linkedin.com/jobs/view/machine-learning-software-engineer/
Data Analyst II	Lucid Software is a leader in visual collaboratio...	2022-12-09	https://www.linkedin.com/jobs/view/data-analyst-ii/
Data Analyst	Since 2006, CoStrategix has defined and imple...	2022-12-09	https://www.linkedin.com/jobs/view/data-analyst/

15. Select jobs related to Software Development industry and skill as Python

```

CREATE VIEW jobs_software_python AS SELECT title, description, date_posted, link FROM JobData WHERE company_id IN (SELECT id FROM Company WHERE industry='Software Development') AND id IN (SELECT id from skills_jobs_data where skill_id IN (SELECT id FROM skill_data WHERE skill_name like '%python%'));
  
```

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance MySQL57, public_schema, sakila.
- SQL Editor:** Contains the SQL code for creating the 'jobs_software_python' view.
- Result Grid:** Displays the results of the query, listing various job titles, descriptions, posting dates, and links.
- Toolbar:** Includes standard MySQL icons for file operations, database management, and scripting.
- Status Bar:** Shows the date (14/12/2022), time (23:13), and system information (ENG INTL).

```

CREATE VIEW jobs_software_python AS
SELECT title, description, date_posted, link FROM JobData WHERE company_id IN
(SELECT id FROM Company WHERE industry='Software Development') AND id IN
(SELECT id from skills_jobs_data where skill_id IN (SELECT id FROM skill_data WHERE skill_name like '%python%'));

select * from jobs_software_python;
  
```

title	description	date_posted	link
1152 - Jr. Software Engineer (Machine Learning)	Job Description Summary/Objective Dignitas Te...	2022-11-19	https://www.linkedin.com/jobs/view/1152-jr-software-engineer-machine-learning/
Data Scientist	hadajob has partnered with a FinTech compa...	2022-12-06	https://www.linkedin.com/jobs/view/data-scientist/
Data Scientist	You are a big data wrangler; gathering and anal...	2022-11-19	https://www.linkedin.com/jobs/view/data-scientist/
Data Scientist	Category: Analytics and Emerging Digital Techn...	2022-12-13	https://www.linkedin.com/jobs/view/data-scientist/
Data Scientist	Category: Analytics and Emerging Digital Techn...	2022-12-13	https://www.linkedin.com/jobs/view/data-scientist/
Data Scientist	Category: Analytics and Emerging Digital Techn...	2022-12-13	https://www.linkedin.com/jobs/view/data-scientist/

16. Select Apple jobs with title data scientist

```

CREATE VIEW jobs_apple_aiml AS SELECT title, description, date_posted, link FROM JobData WHERE title LIKE '%AI/ML%' AND company_id IN (SELECT id FROM Company WHERE name='Apple');
  
```

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance MySQL57, public_schema, sakila.
- Query Editor:** Contains the SQL code for creating the 'jobs_apple_aiml' view.
- Result Grid:** Shows the results of the query, listing a single job entry for 'AI/ML - Senior Data Engineer, AI/ML Data'.
- Toolbar:** Includes standard MySQL Workbench icons for file operations, database management, and scripting.
- Status Bar:** Displays system information like battery level (100%), network status, and date/time (14/12/2022).

```

CREATE VIEW jobs_apple_aiml AS
SELECT title, description, date_posted, link FROM JobData WHERE title LIKE "%AI/ML%"
AND company_id IN (SELECT id FROM Company WHERE name='apple');

select * from skills_jobs_data;

CREATE VIEW jobs_apple_aiml AS
SELECT title, description, date_posted, link FROM JobData WHERE title LIKE "%AI/ML%"
AND company_id IN (SELECT id FROM Company WHERE name='apple');

select * from JobData;
select * from jobs_apple_aiml;

```

17. Select Data Analyst I TalentBurst jobs in Augusta.

```

CREATE VIEW jobs_da_augusta AS
SELECT title, description, date_posted, link FROM JobData WHERE title LIKE "%Data Analyst I%"
AND company_id IN (SELECT id FROM Company WHERE name='TalentBurst, an INC 5000 company')
and location_id in (SELECT id FROM Location WHERE city = 'Augusta');

```

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance MySQL57, public_schema, sakila.
- Query Editor:** Contains the SQL code for creating the 'jobs_da_augusta' view.
- Result Grid:** Shows the results of the query, listing a single job entry for 'Data Analyst I'.
- Toolbar:** Includes standard MySQL Workbench icons for file operations, database management, and scripting.
- Status Bar:** Displays system information like battery level (100%), network status, and date/time (14/12/2022).

```

CREATE VIEW jobs_da_augusta AS
SELECT title, description, date_posted, link FROM JobData WHERE title LIKE 'Data Analyst I%'
AND company_id IN (SELECT id FROM Company WHERE name='TalentBurst, an Inc 5000 company')
and location_id in (SELECT id FROM Location WHERE city = 'Augusta');

select * from JobData WHERE title LIKE '%Data Analyst%';
SELECT * FROM Company WHERE id = 503;
select * from jobs_da_augusta;

drop table jobData;
drop view jobs_da_augusta;

```

18. Select entry level jobs in New York City

```

CREATE VIEW jobs_entrylevel_newyork AS
SELECT title, description, date_posted, link, location_id FROM JobData WHERE seniority_level='Entry Level' and location_id IN (SELECT id FROM Location WHERE city='New York City Metropolitan Area');

```

The screenshot shows the MySQL Workbench interface with a SQL editor window containing the following code:

```

1
2
3 • CREATE VIEW jobs_entrylevel_newyork AS
4     SELECT title, description, date_posted, link, location_id, seniority_level FROM JobData WHERE
5         seniority_level = "Entry Level" AND location_id IN (SELECT id FROM Location
6         WHERE city='New York City Metropolitan Area');
7
8
9 • select * from jobs_entrylevel_newyork;
10
11 • drop table jobData;
12 • drop view jobs_entrylevel_newyork;

```

Below the code, the results grid displays several job entries:

title	description	date_posted	link	location_id	seniority_level
Data Scientist	Grammarly is excited to offer a remote-first hyb...	2022-12-02	https://www.linkedin.com/jobs/view/data-scienc...	530	Entry level
Data Scientist, CV/NLP	About Ancestry: When you join Ancestry, you...	2022-12-12	https://www.linkedin.com/jobs/view/data-scienc...	530	Entry level
Python Developer	Contract \$70-90/hr ,Utah This company is a...	2022-11-19	https://www.linkedin.com/jobs/view/python-deve...	530	Entry level

The status bar at the bottom indicates the duration of 0.125 sec.

19. Searching for Jobs where seniority level is Mid-Senior level and salary ranges between 50000 and 100000

```
CREATE VIEW entry_level_salary AS SELECT title, description, date_posted, link FROM JobData WHERE seniority_level = 'Entry level'
AND id IN (SELECT job_id FROM derived_data WHERE Category = 'Salary'
AND value BETWEEN 50 and 100);
```

The screenshot shows the MySQL Workbench interface with a SQL editor window containing the following code:

```

1
2
3 • CREATE VIEW entry_level_salary AS
4     SELECT title, description, date_posted, link FROM JobData
5     WHERE seniority_level = 'Entry level'
6     AND id IN (SELECT job_id FROM derived_data WHERE Category = 'Salary'
7     AND value BETWEEN 50 and 100);
8
9
10 • select * from entry_level_salary;
11
12 • drop table jobData;
13 • drop view jobs_entrylevel_newyork;
14
15 • select * from JobData WHERE id = 3120101003

```

Below the code, the results grid displays several job entries:

title	description	date_posted	link
Data Analyst	Duties: The responsibilities may include, but will ...	2022-05-27	https://www.linkedin.com/jobs/view/data-analy...
Data Analyst	Duties The successful candidate will turn data in...	2022-06-24	https://www.linkedin.com/jobs/view/data-analy...
Data Analyst	Duties Strong data and analytic skills, knowledg...	2022-08-01	https://www.linkedin.com/jobs/view/data-analy...
Data Analyst	Description: Data Analyst: The candidate will w...	2022-10-17	https://www.linkedin.com/jobs/view/data-analy...
Data Analyst	DATA ANALYST Job Summary: Talent Software...	2022-10-13	https://www.linkedin.com/jobs/view/data-analy...

The status bar at the bottom indicates the duration of 0.109 sec.

20. Select jobs from apple where job description contains H1B

```
CREATE VIEW jobs_apple_h1b AS
SELECT title, description, date_posted, link FROM JobData WHERE description LIKE '%H1B%' AND company_id IN (SELECT id FROM Company WHERE
name='American Technology Consulting - ATC');
```

The screenshot shows the MySQL Workbench interface. In the top-left, there's a 'MySQL Workbench' window titled 'Local instance MySQL57'. The main area has a 'SQL File 3*' tab open with the following SQL code:

```
1 • CREATE VIEW jobs_ds_pacific AS
2   SELECT title, description, date_posted, link FROM JobData WHERE title LIKE '%Data Analyst %'
3   AND company_id IN (SELECT id FROM Company WHERE name='Pacific Northwest National Laboratory')
4   AND location_id IN (SELECT id FROM Location WHERE city = 'Augusta');
5
6 • CREATE VIEW jobs_atc_h1b AS
7   SELECT title, description, date_posted, link, company_id FROM JobData WHERE description LIKE '%H1B%'
8   AND company_id IN (SELECT id FROM Company WHERE name='American Technology Consulting - ATC');
9
10 • select * from JobData;
11 • SELECT * FROM company where id = 903;
12 • select * from jobs_atc_h1b;
```

Below the code, a 'Result Grid' shows two rows of data:

	title	description	date_posted	link	company_id
▶	Data Analyst	Job Title: Entry Level Business Analyst / Product...	2022-01-01 12:00:00	https://www.linkedin.com/jobs/view/data-analy...	903
	Data Analyst	Job Title: Business Analyst / Data Analyst (U.S....	2022-01-01 12:00:00	https://www.linkedin.com/jobs/view/data-analy...	903

The bottom of the interface shows a 'Status Bar' with various icons and system information like 'Duration / Fetch 0.062 sec' and 'ENG 23:42 INTL 14/12/2022'.

In []: