**USE CASES**

1. All remote jobs that require 2 years experience or more.

SELECT \* FROM job\_post jp LEFT JOIN job\_requirements jr ON jp.id = jr.id WHERE jr.experience\_requirements NOT LIKE ‘%No Experience%’ AND jr.experience\_requirements NOT LIKE ‘%1 Year%” AND jp. job\_type LIKE ‘%remote%’;

1. What are the eligibility requirements for a Data Scientist?

SELECT job\_requirements FROM job\_requirements jr INNER JOIN job\_post jp ON jp.job\_id = jr.id WHERE jp.job\_position LIKE '%data scientist%';

1. List of all the verified twitter handles with business stream ‘Online Learning’

SELECT twitter\_handle\_name from company c INNER JOIN business\_stream b ON c.id = b.company\_id INNER JOIN company\_twitter\_profile ct on c.twitter\_handle\_name = ct.twitter\_handle\_name WHERE verified = 1;

1. All jobs that require 2 years’ experience or more.

SELECT \* FROM job\_post jp INNER JOIN job\_requirements jr ON jp.id = jr.job\_id WHERE jr.experience\_requirements NOT LIKE '%No Experience%' AND jr.experience\_requirements NOT LIKE '%1 Year%';

1. All jobs in Massachusetts that don’t require work experience.

SELECT \* FROM job\_post jp INNER JOIN job\_requirements jr ON jp.id = jr.job\_id

WHERE jr.experience\_requirements LIKE '%No Experience%' AND jp.job\_location LIKE

'%Massachusetts%' or jp.job\_location LIKE '%MA%';

1. All jobs that require 2 years experience or more.

SELECT \* FROM job\_post jp INNER JOIN job\_requirements jr ON jp.id = jr.job\_id

WHERE jr.experience\_requirements NOT LIKE '%No Experience%' AND jr.experience\_requirements NOT LIKE '%1 Year%';

1. All jobs in Massachusetts that don’t require work experience.

SELECT \* FROM job\_post jp INNER JOIN job\_requirements jr ON jp.id = jr.job\_id

WHERE jr.experience\_requirements LIKE '%No Experience%' AND jp.job\_location LIKE

'%Massachusetts%' or jp.job\_location LIKE '%MA%';

1. List of the companies in business stream 'Consultancy'.

SELECT company\_name from company c INNER JOIN business\_stream bs on c.id = bs.company\_id

WHERE bs.business\_stream\_name LIKE '%consultancy%';

1. What are the requirements for the job of a data analyst?

SELECT jr.requirements, jr.expereince\_requierments FROM job\_requirements jr

INNER JOIN job\_post jp ON jr.job\_id = jp.id WHERE jp.job\_position LIKE '%data analyst%';

1. List the follower count of companies established before 2008

SELECT company\_name, follower\_count FROM company c INNER JOIN company\_twitter\_profile ct ON c.twitter\_handle\_name = ct.twitter\_handle\_name

WHERE establishment\_year <= 2008;

1. What are the companies in the business stream ‘Information Technology’?

SELECT company\_name from company c INNER JOIN business\_stream bs on c.id = bs.company\_id

WHERE bs.business\_stream\_name LIKE '%Information%Technology%';

1. Jobs posted by monster.com after 20/05/2022

SELECT \* FROM job\_post jp LEFT JOIN data\_collection\_websites dw ON jp.id = dw.id

WHERE dw.website\_name LIKE ‘%monster%’ AND jp.posted\_date > ‘2022-05-20 23:59:59’

1. What are the reviews for the company ‘Microsoft’?

SELECT review from company\_review cr INNER JOIN company c on cr.id = c.id

WHERE company\_name = 'Microsoft';

1. All remote jobs that require 5 years experience or less.

SELECT \* FROM job\_post jp LEFT JOIN job\_requirements jr ON jp.id = jr.id

WHERE jr.experience\_requirements NOT LIKE ‘%No Experience%’ AND jr.experience\_requirements NOT LIKE ‘%4 Year%” AND jp. job\_type LIKE ‘%remote%’;

1. What are the jobs that require maximum 3 years of experience?

SELECT \* FROM job\_post jp LEFT JOIN job\_requirements jr ON jp.id = jr.id

WHERE jr.experience\_requirements NOT LIKE ‘%No Experience%’ AND jr.experience\_requirements LIKE ‘%1 Year%” AND jr.experience\_requirements LIKE ‘%2;

Years%” AND jr.experience\_requirements LIKE ‘%3 Years%”;

1. What are the reviews for the company ‘Oracle’?

SELECT review from company\_review cr INNER JOIN company c on cr.id = c.id

WHERE company\_name = 'Oracle';

1. Twitter handle and followers count of the companies having business stream ‘finance’

SELECT twitter\_handle\_name from company c INNER JOIN business\_stream b ON c.id = b.company\_id

INNER JOIN company\_twitter\_profile ct on c.twitter\_handle\_name = ct.twitter\_handle\_name

WHERE business\_stream\_name = 'finance';

1. What are the reviews for the company ‘Amazon’?

SELECT review from company\_review cr LEFT JOIN company c on cr.id = c.id

WHERE company\_name = ‘Amazon’;

1. All the jobs in Boston that are remote and do not require any experience.

SELECT \* FROM job\_post jp LEFT JOIN job\_requirements jr ON jp.id = jr.id

WHERE jr.experience\_requirements LIKE ‘%No Experience%’ AND jp. job\_location IS ‘Boston’;

1. All the reviews of the company Google posted in the last year.

SELECT review from company\_reviews cr LEFT JOIN company c on cr.id = c.id WHERE company\_name = "Google" AND cr.review\_date >= "2022-12-06 17:00:00";