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MEETUP #1

Introduction to Data Engineering

DATA ANALYTIC WITH SQL

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OKZA

Data Engineer at Pinhome

Mahendra Okza Pradhana

- S1 Informatika, UB (2016)
- Data Engineer Intern, SpaceStock (2020)
- Data Engineer, eFishery (2020)
- Data Engineer. Pinhome (2021)
- Community Lead, Data Engineering Indonesia

Head of Design
10.2019 - Present / London, UK

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OUTLINE

- Mind Map
- Visualization In superset
- Demo Session
- SQL Certifications

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What is Database ?

What is Tables ?

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Database ?

Place to store data

Tables ?

H6

	A	B	C	D	E	F
1	order_id	customer_id	order_status	quantity	price	order_at
2	123-XX-YZ	2	delivered	5	50000	2021-10-20 10:00:00
3	456-YY-ZZ	1	in confirmation	1	7000	2021-10-15 15:10:05
4						
5						
6						

C13

	A	B	C	D	E	F
1	customer_id	first_name	last_name	address	phone	gender
2	1	Oliv	Sasono	Jl. Merpati	8123458689	F
3	2	Jamal	Kuncoro	Jl. Mawar	8123848281	M
4						

The “Data” itself

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What is SQL?

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- Stands for Structured Query Language
- Declarative Language to interact with database
- Using English key word

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SELECT

FROM

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Why we should know SQL?

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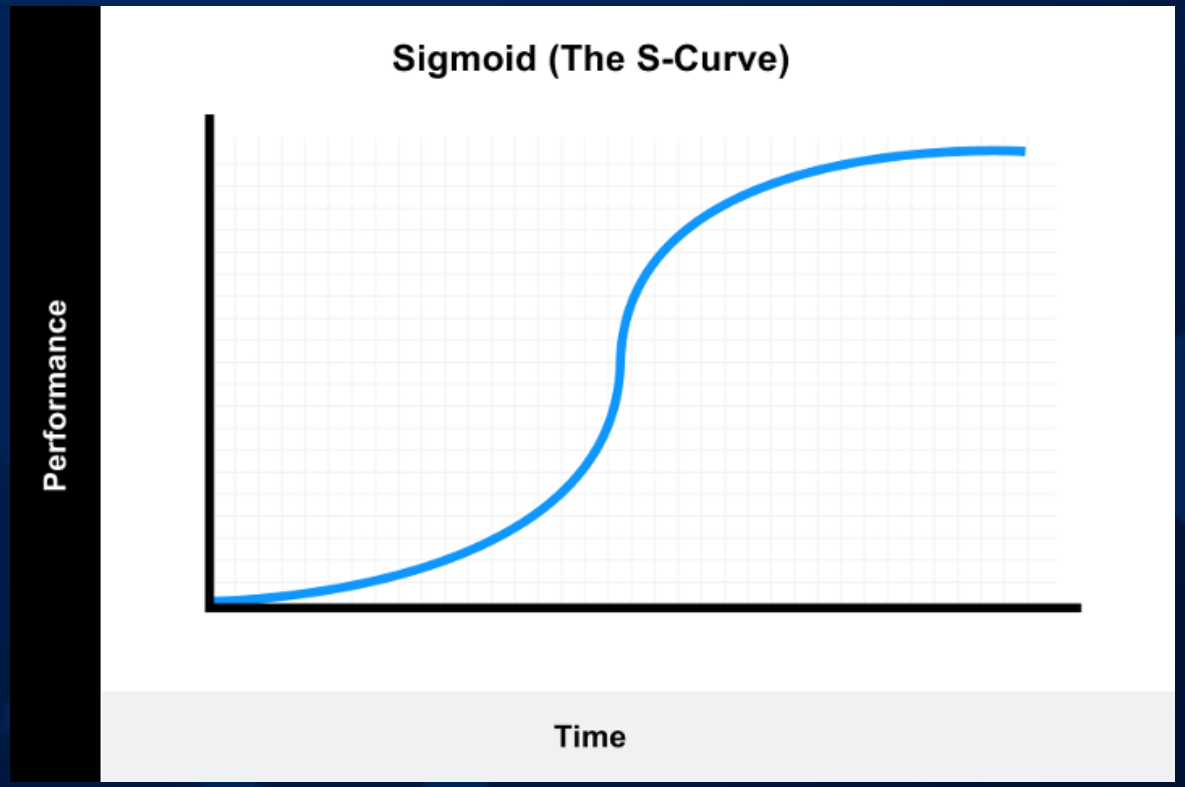
Learning Curves!



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How many people over the world favoriting SQL?

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Top 10 – Most Popular Technologies

source: stackoverflow developer survey 2021

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38,835 OF 83,052*

* number of respondents

Loves **SQL**!

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What SQL are used for ?

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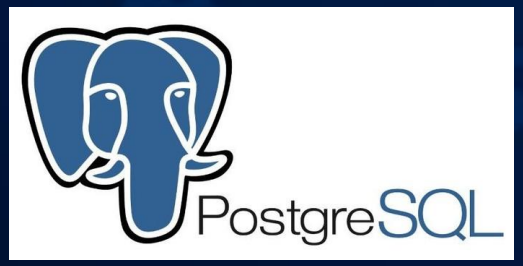

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SQL Command Types

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SQL Command Types

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Quick Brief

SELECT
Specify the columns

FROM
Specify the table name

WHERE
Specify the filter

GROUP BY
Group results based on certain column

ORDER BY
Order the result based on certain column by ascending or descending

LIMIT
Limit the result returned

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LEARN SQL in

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VISUALIZATION WITH SUPERSET – SNEAK PEEK

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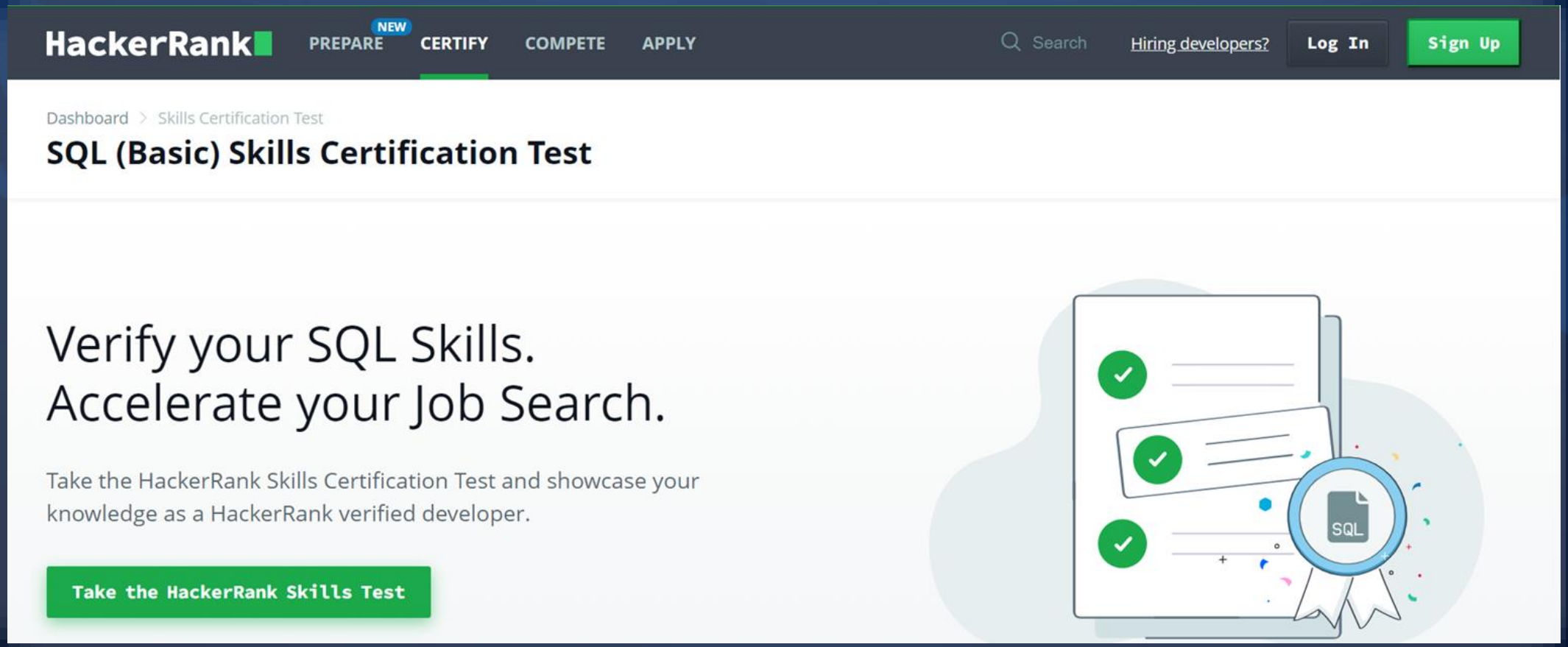
Get Your SQL Certifications Right Now!



https://www.hackerrank.com/skills-verification/sql_basic

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SQL Learning Resources

- Data with Danny Github
- Intro to SQL by Kaggle
- Intro to SQL by Mode
- Relational Dataset Repo
- Intro to SQL by SQL Bolt

More resources on Mindmap!

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Thank You!