

30 DAYS SQL MICRO COURSE

"30 Days, 30 Lessons: Unlock the Power of SQL!"



Skill Course

What is SQL ?

SQL (Structured Query Language) is a programming language used to interact with databases. It is the standard language for querying, inserting, updating, and managing data stored in relational databases.





Why we use SQL?

1. Simplifies working with large datasets.
2. Enables easy and efficient data management.
3. SQL is universal and works with most database systems (like PostgreSQL, MySQL, SQL Server).



SQL used in following job roles of data field



DATA

- ✓ Anything & Everything can be considered as data.
- ✓ Any information or fact can be considered as data.
- ✓ For any Financial Institute, details related to its employees, customers, their Services or even their address can be data.
- ✓ Data can be in any form such as a text message or an image or a video or a document or single character itself.

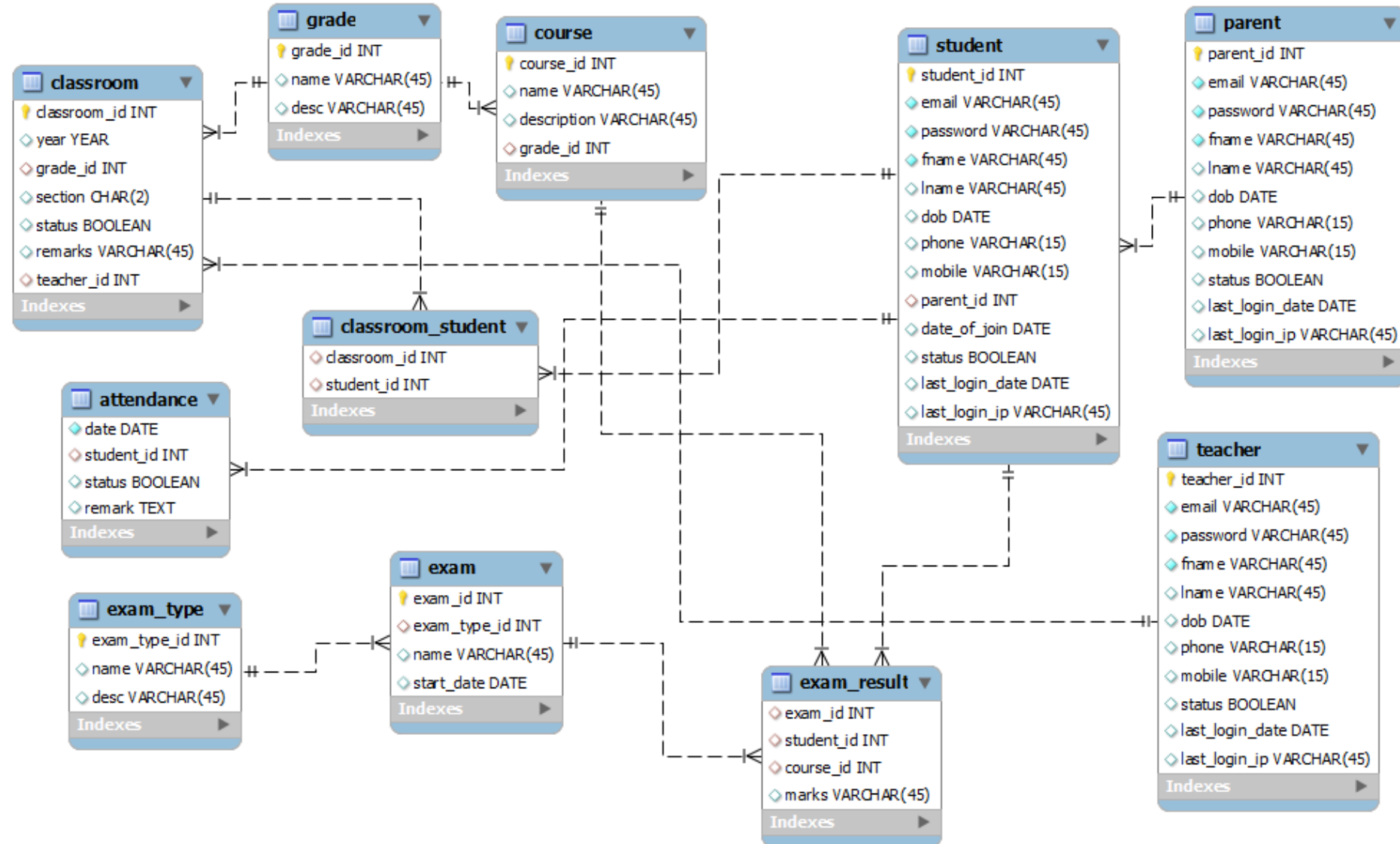
What is Database?

A database is collection of Data that can be easily access (Digitally)

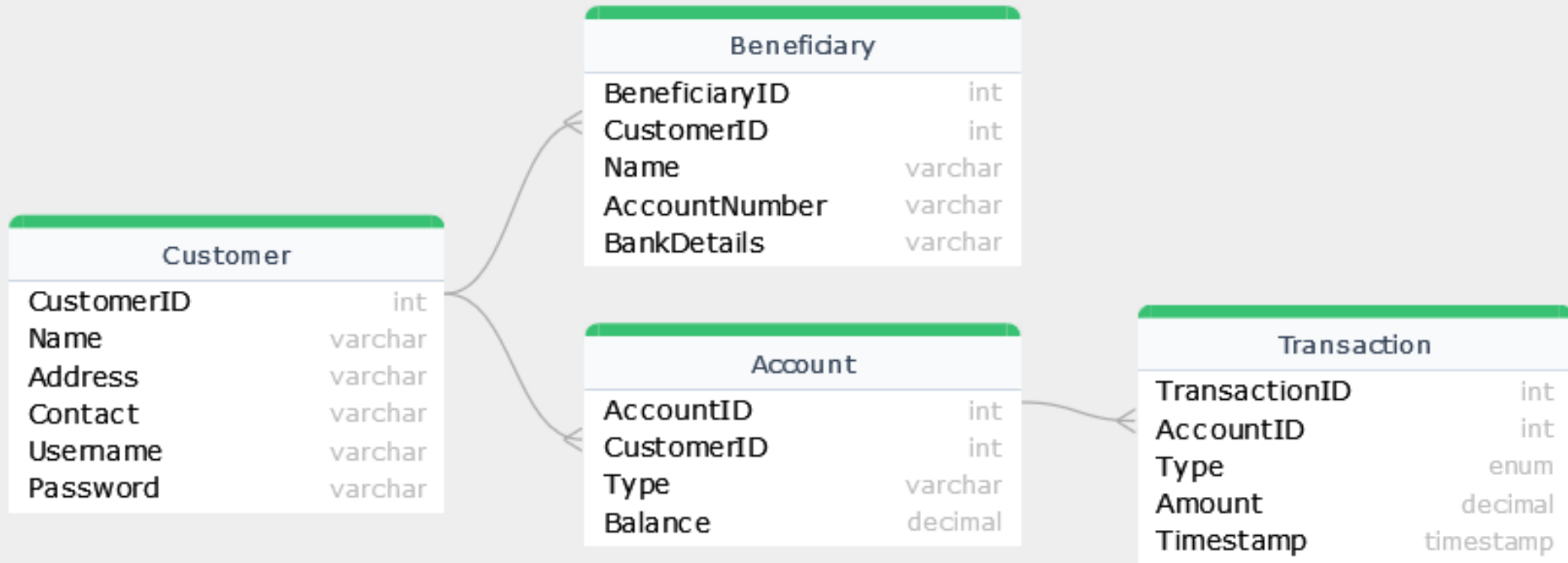
A software to manage database is called DBMS (Database Management Software)

DATABASE

SCHOOL DATABASE



BANK DATABASE



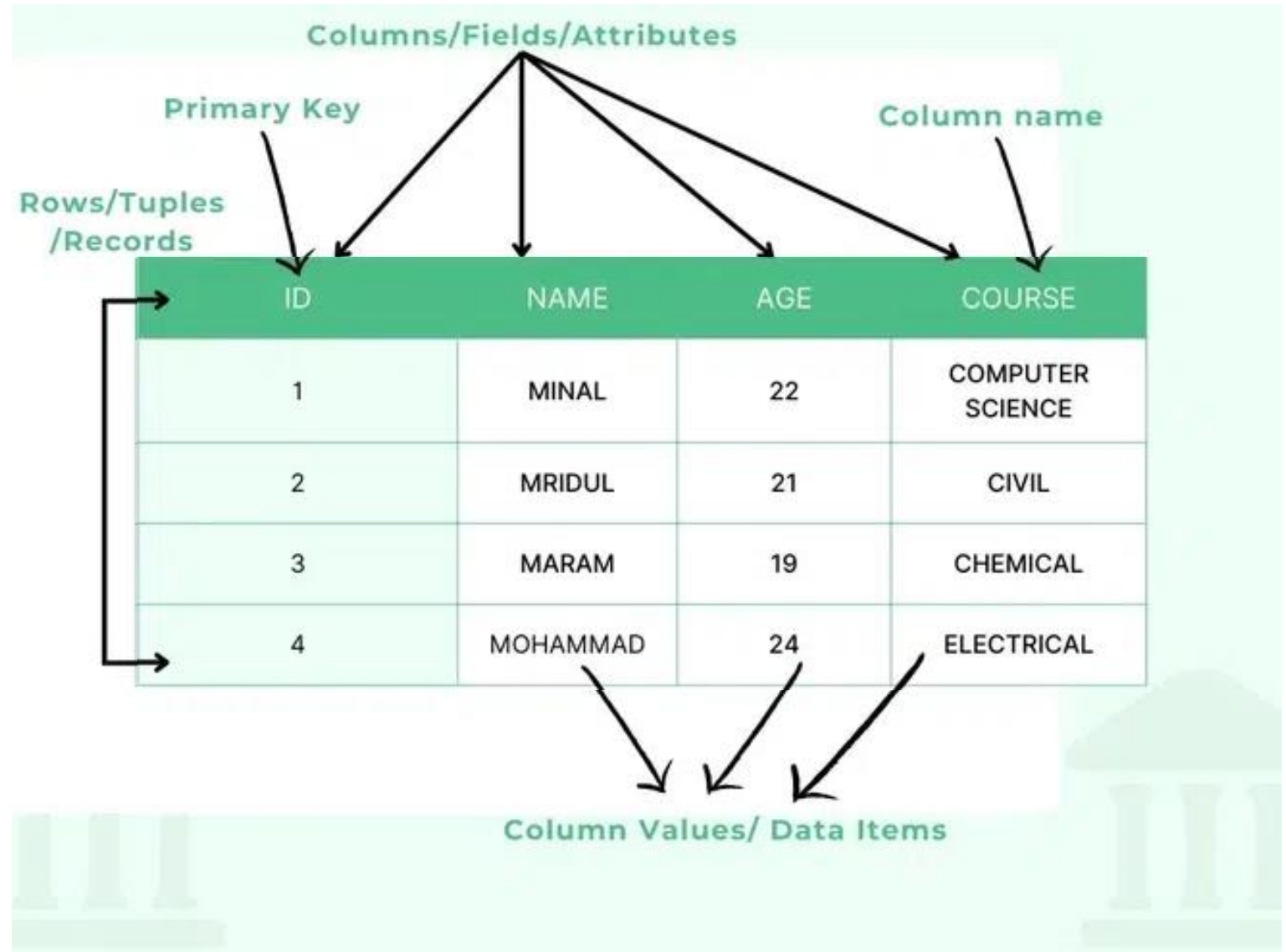


Purpose of storing data
in the database is:

- Easily Accessed
- Modified
- Protected
- Analyzed



Table Structured



RDBMS



Is SQL Different in Different RDBMS?

ORACLE®
DATABASE



RDBMS



PostgreSQL: Downloads

postgresql.org/download/

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November 21, 2024: PostgreSQL 17.2, 16.6, 15.10, 14.15, 13.18, and 12.22 Released!

Quick Links

- Downloads
 - Packages
 - Source
- Software Catalogue
- File Browser

Downloads

PostgreSQL Downloads

PostgreSQL is available for download as ready-to-use packages or installers for various platforms, as well as a source code archive if you want to build it yourself.

Packages and Installers

Select your operating system family:

Linux

macOS

Windows

BSD

Solaris

Source code

The source code can be found in the main file browser or you can access the source control repository directly at git.postgresql.org. Instructions for building from source can be found in the documentation.

Beta/RC Releases and development snapshots (unstable)

There are source code and binary packages of beta and release candidates, and of the current development code available for testing and evaluation of new features. Note that these builds should be used for testing purposes only, and not for production systems.

3rd party distributions

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Choose Operating System

PostgreSQL: Windows installers

postgresql.org/download/windows/

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Download the installer

CLICK HERE

Windows installers

Interactive installer by EDB

Note! This installer is hosted by EDB and not on the PostgreSQL community servers. If you have issues with the website it's hosted on, please contact webmaster@enterprisedb.com.

This installer includes:

- The PostgreSQL server
- pgAdmin, a graphical tool for managing and developing your databases
- StackBuilder, a package manager for downloading and installing additional PostgreSQL tools and drivers. Stackbuilder includes management, integration, migration, replication, geospatial, connectors and other tools.

This installer can run in graphical or silent install modes.


The Windows installer is designed to be a straightforward, fast way to get up and running with PostgreSQL. In the unlikely event that you have issues with the installer, please report them on the [installer Github page](#). Issues with the installed packages should be reported to the appropriate project directly.

Advanced users can also download a [zip archive](#) of the binaries, without the installer. This download is intended for users who wish to include PostgreSQL as part of another application installer.

Platform support

The installers are tested by EDB on the following platforms. They can generally be expected to run on other comparable versions, for example, desktop releases of Windows:

PostgreSQL Version	64 Bit Windows Platforms	32 Bit Windows Platforms
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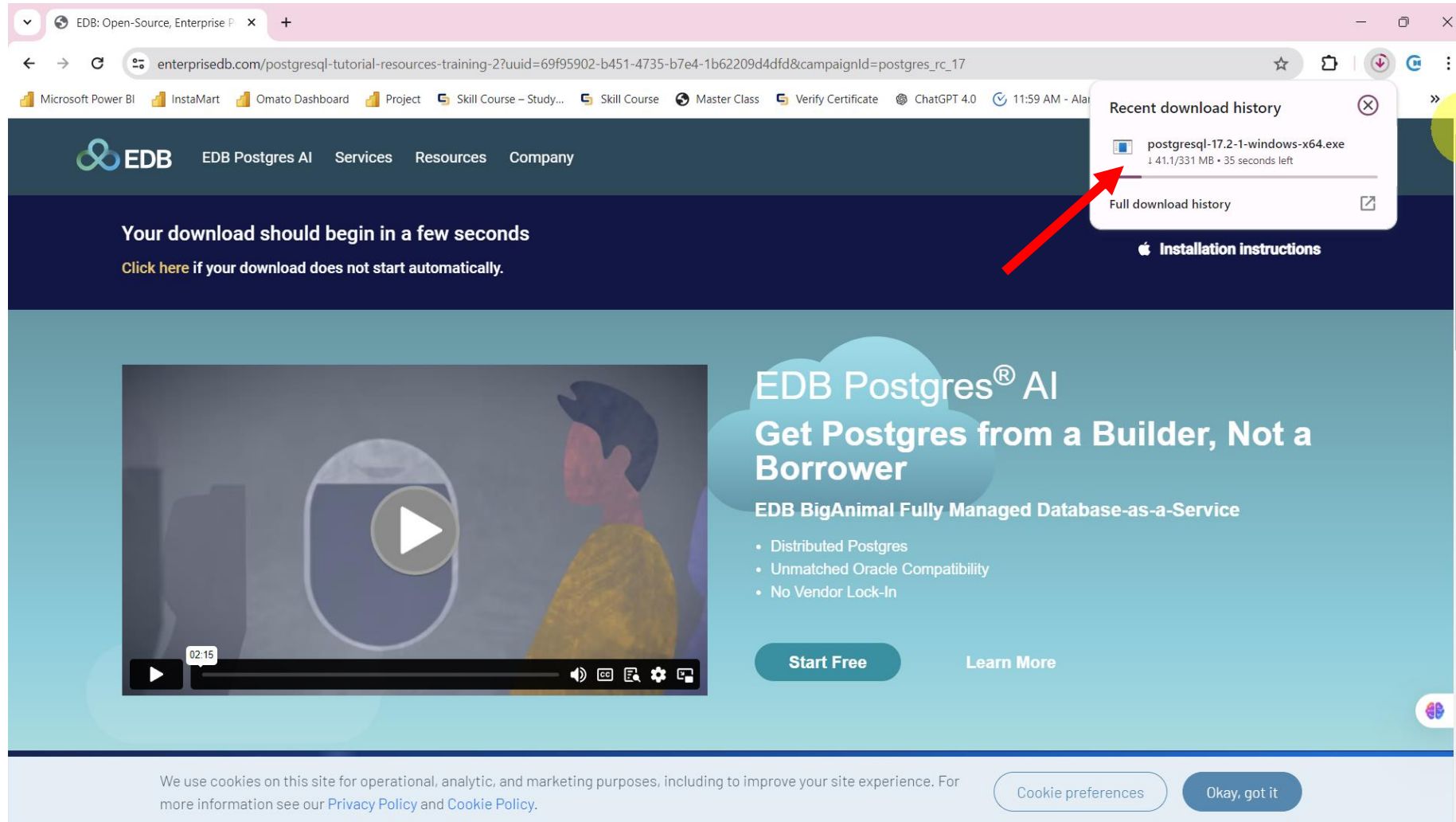
Download PostgreSQL

Open source PostgreSQL packages and installers from EDB

CLICK ON DOWNLOAD ICON OF RELAVANT O.S

PostgreSQL Version	Linux x86-64	Linux x86-32	Mac OS X	Windows x86-64	Windows x86-32
17.2	postgresql.org	postgresql.org			Not supported
16.6	postgresql.org	postgresql.org			Not supported
15.10	postgresql.org	postgresql.org			Not supported
14.15	postgresql.org	postgresql.org			Not supported
13.18	postgresql.org	postgresql.org			Not supported
12.22	postgresql.org	postgresql.org			Not supported

Click and Run downloaded file



The screenshot shows a web browser window with the address bar displaying `enterprisedb.com/postgresql-tutorial-resources-training-2?uuid=69f95902-b451-4735-b7e4-1b62209d4dfd&campaignId=postgres_rc_17`. The browser's download bar is open, showing a recent download of `postgresql-17.2-1-windows-x64.exe` (41.1/331 MB, 35 seconds left). A red arrow points to the download bar. The webpage content includes a navigation bar with the EDB logo and links to EDB Postgres AI, Services, Resources, and Company. Below the navigation bar, a message states "Your download should begin in a few seconds" and provides a link to click if the download does not start automatically. The main content area features a video player with a play button and a video titled "EDB Postgres® AI: Get Postgres from a Builder, Not a Borrower". The video player shows a timestamp of 02:15. To the right of the video player, the text "EDB Postgres® AI" is displayed, followed by the headline "Get Postgres from a Builder, Not a Borrower" and the sub-headline "EDB BigAnimal Fully Managed Database-as-a-Service". Below this, a list of features is shown: "Distributed Postgres", "Unmatched Oracle Compatibility", and "No Vendor Lock-In". At the bottom of the main content area, there are two buttons: "Start Free" and "Learn More". The footer of the webpage contains a cookie notice and two buttons: "Cookie preferences" and "Okay, got it".

EDB Postgres AI

Get Postgres from a Builder, Not a Borrower

EDB BigAnimal Fully Managed Database-as-a-Service

- Distributed Postgres
- Unmatched Oracle Compatibility
- No Vendor Lock-In

Start Free Learn More

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