

A large, horizontal, pink brushstroke with a rough, textured edge, serving as a background for the title text.

# *Mendesain Model*

# *Tools Mendesain Model*

- dbdiagram

Dbdiagram adalah tools untuk mendesain database dengan cepat. Dalam pemrogramannya, dbdiagram memiliki bahasa yang mudah dipahami dan eksklusif untuk penggambaran ERD. Dbdiagram menyediakan penyimpanan online dan dapat dengan mudah dishare. Terlebihnya lagi, dbdiagram tidak berbayar untuk menikmati fitur-fiturnya.

- Draw.io

Bagi pengguna casual, draw.io memberikan tools ERD yang cukup baik. Tidak hanya tools ERD, draw.io juga berfungsi sebagai flowchart maker atau algoritma. Draw.io sudah mendukung penyimpanan berbasis cloud seperti drive, onepus, maupun non-cloud.

- Lucidchart

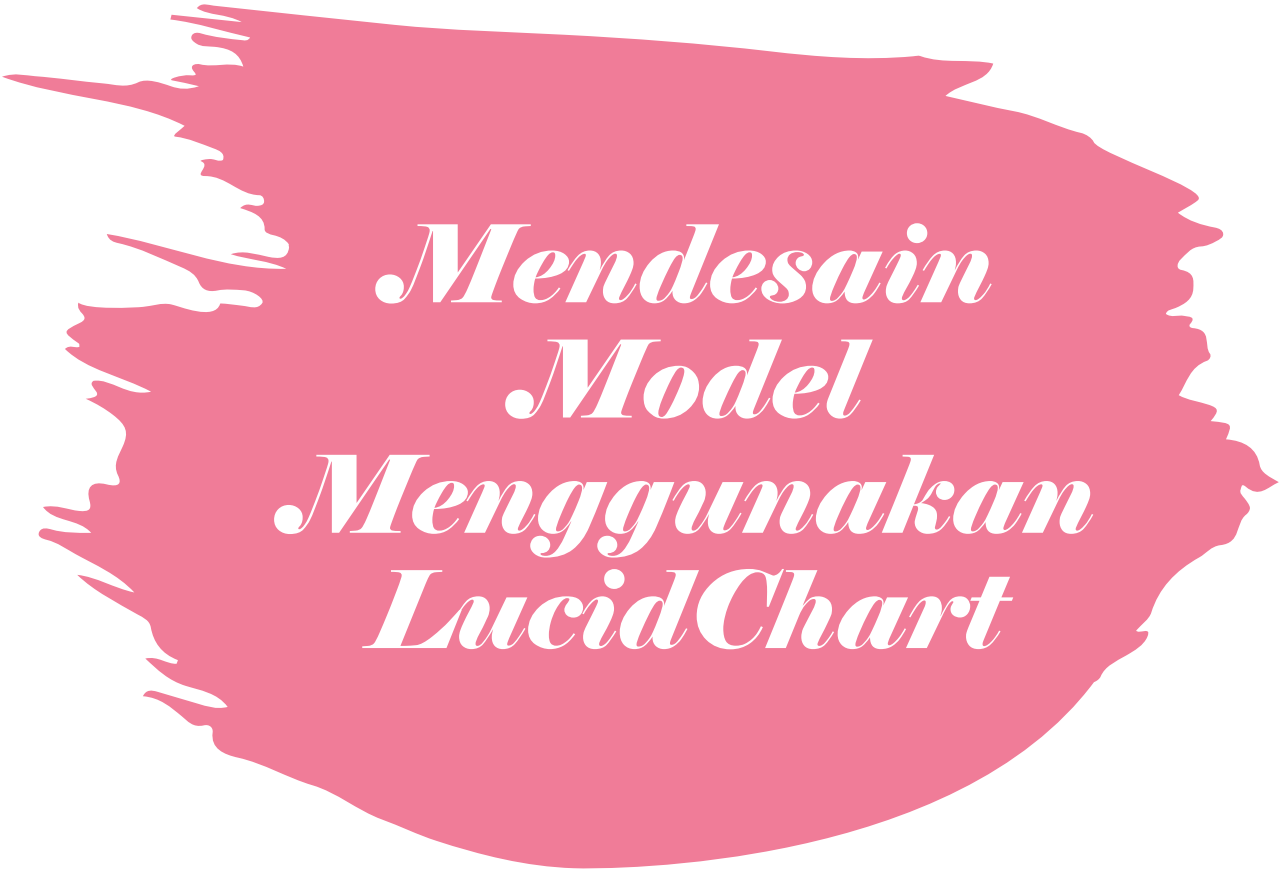
Lucidchart dipasarkan lebih kepada designer profesional. Lucidchart menawarkan tools dengan interface dan penampilan yang sangat baik. Meski berbayar, Lucidchart juga menyediakan free version yang cukup lengkap. Lucidchart mendukung penyimpanan cloud maupun storage. Tools ini sangat cocok bagi Anda yang merupakan designer ERD yang berpengalaman.

- SQLDBM

SQLDBM merupakan tools ERD terbaik bagi anda yang menjalankan database berbasis MySQL atau MS SQL. SQLDBM dapat bekerja dimana saja pada browser apapun tanpa memerlukan database engine tambahan. Selebihnya SQLDBM bersifat gratis dan cocok bagi Anda yang menjalankan database menggunakan SQL.

- QuickDBD

QuickDBD adalah tools ERD yang berbasis teks, dan dengan cepat menggambar diagram yang diperlukan. Meski berbayar, QuickDBD juga menyediakan free version dimana kita dapat mencoba terlebih dahulu. QuickDBD juga menyediakan export ke berbagai format seperti SQL, PDF, maupun word. QuickDBD cocok bagi Anda yang menyukai ERD Text based dan cepat dalam mendesain.

A large, irregular pink brushstroke shape on a white background, containing the title text.

# *Mendesain Model Menggunakan LucidChart*

- Klik [Lucidchart](#) lalu klik sign up free, kemudian lakukan registrasi

The screenshot shows the Lucidchart website homepage. At the top, there is a navigation bar with the Lucid logo, 'Product suite' and 'Company' dropdown menus, a language selector set to 'English', and a 'Log out' link. Below this is a secondary navigation bar with the Lucidchart logo and links for 'Product', 'Solutions', 'Resources', 'Pricing', and 'Enterprise'. An orange 'Documents' button is located on the right side of this bar. The main content area features a large heading 'Where seeing becomes doing.' followed by a subheading: 'Lucidchart is the intelligent diagramming application that brings teams together to make better decisions and build the future.' Below the text is an orange 'Sign up free' button. At the bottom, there is a preview of the Lucidchart interface, showing a grid with various diagram shapes (ovals, rectangles, diamonds) and a toolbar with icons for different shapes and connectors.

Lucid

Product suite ▾ Company ▾

English ▾ Log out

Lucidchart

Product ▾ Solutions ▾ Resources ▾ Pricing Enterprise

Documents

# Where seeing becomes doing.

Lucidchart is the intelligent diagramming application that brings teams together to make better decisions and build the future.

Sign up free

- Pilih new lalu klik blank document

Lucid

+ New

Lucidchart

\*

Lucidspark

TRY

+

Folder

Enter Join ID

Integrations

Welcome, erfanyadiputra!

Search documents

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EK

Upgrade

Recommended Templates

Blank Document

Create from Template

Import

Mind map Template

Daily standup Template

Dot voting Template

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More Templates

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Starred

Blank diagram

Opened 4 days ago

Blank diagram

Opened 5 months ago

Flowchart

Opened 6 months ago

What would you like to do?

HOW TO MAKE A

CREATE CLICKABLE

REVISION HISTORY IN LUCIDCHART

Education Center

What's New

New features and updates

Getting Started

Use these basic tutorials to create and share diagrams

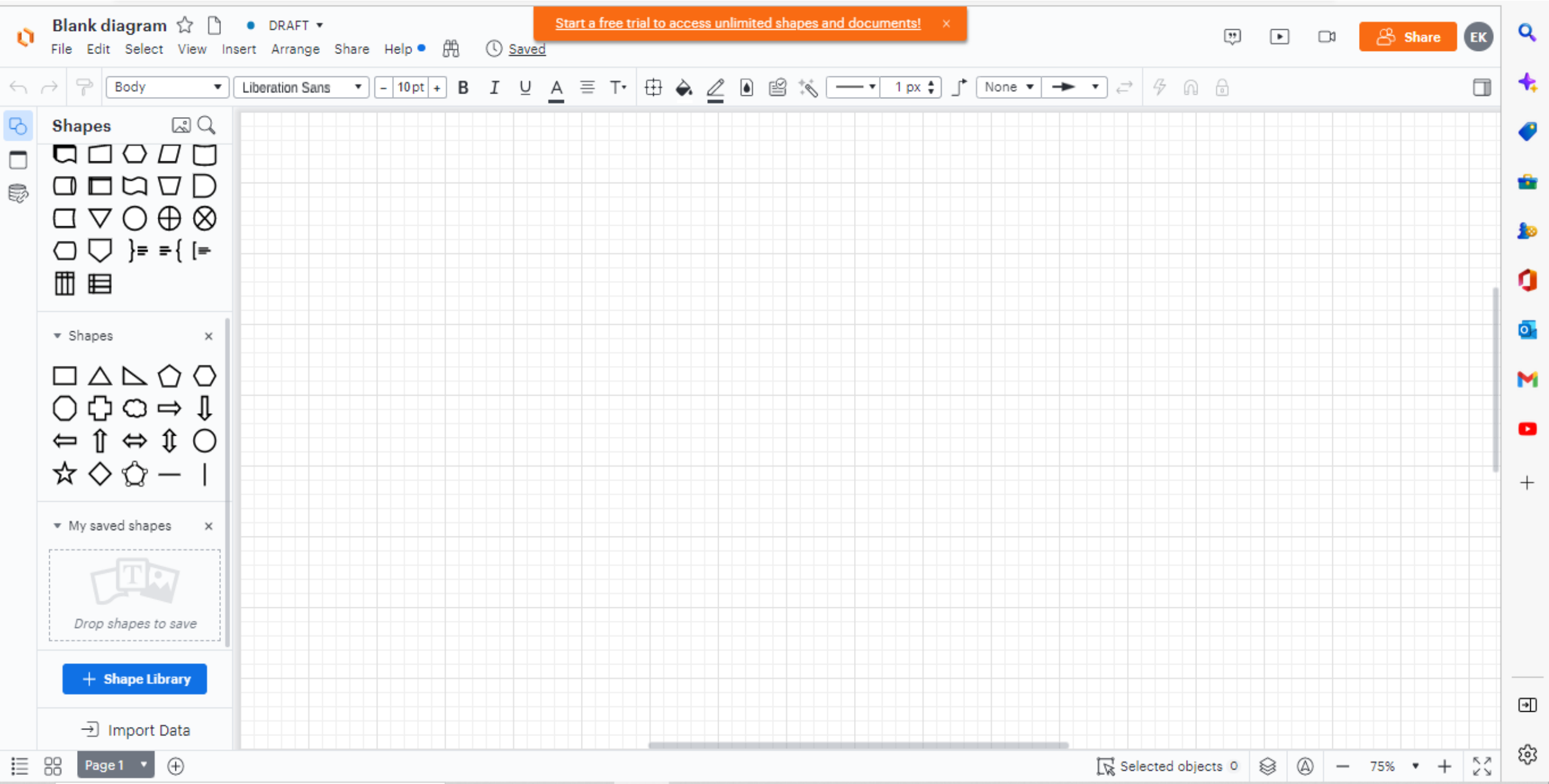
Training Labs

Discover pro tips and best practices from interactive training courses

Help Center

Troubleshoot, learn more, or contact support

- Pilih new shape library utk mengaktifkan symbol entity relationship



- Pilih centang pada entity relationship

The screenshot shows a software interface for creating diagrams. A modal window titled "Insert content" is open, with the "Shapes" tab selected. In the left sidebar of the modal, under "Recommended for you", the "Entity Relationship" option is checked. The main area of the modal displays a preview of an "Entity Relationship" diagram, which is a database model showing entities and their relationships. Below the preview, the "Entity Relationship" option is also checked, and a small icon representing the diagram is shown. At the bottom right of the modal, there is a blue button labeled "Use selected shapes".

Blank diagram ☆ DRAFT

File Edit Select View Insert

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Share EK

Insert content

Templates Data Shapes

Search

Recommended for you

- ☐ Azure 2021
- ☐ BPMN 2.0
- ☐ Circuit Diagrams
- ☐ Cisco Network Icons
- ☐ Data Flow
- ☐ Dynamic Shapes
- ☐ Enterprise Integration
- ☒ Entity Relationship
- ☐ Equations
- ☐ Floor Plans
- ☒ Flowchart Shapes
- ☒ Geometric Shapes
- ☐ Google Cloud Platform ...
- ☐ Google Cloud Platform ...
- ☐ iOS Mockups
- ☐ Kubernetes
- ☐ Mind Mapping
- ☐ Network Infrastructure
- ☐ Org Charts
- ☐ Process Engineering

My libraries

Import shapes

Entity Relationship

Model databases in an easy-to-read format with entity relationship diagrams. You can get started with our shapes, which include constraints, entities, relationships, and attributes.

☒ Entity Relationship

Use selected shapes



- Selanjutnya buat 2 entitas mahasiswa & mata kuliah, utk menambah row/bari klik kanan pilih insert row below/above

Blank diagram

File Edit Select View Insert Arrange Share Help

Start a free trial to access unlimited shapes and

Insert Row Above

Insert Row Below

Delete Row

Copy Ctrl C

Cut Ctrl X

Paste Ctrl V

Duplicate Ctrl D

Delete Backspace

Copy Style Ctrl Alt C

Paste Style Ctrl Alt V

Set Default Style

View Shape Data

Advanced Shape Options

Arrange

Align

Distribute

Match Size

Group Ctrl G

Lock/Unlock

Add Comment C

Add Note

Add Action

Entity

Layout Data

Arrange

Order

Advanced Options

Fields 3

Above

Below

Delete

Shaded Header

Alternate Rows

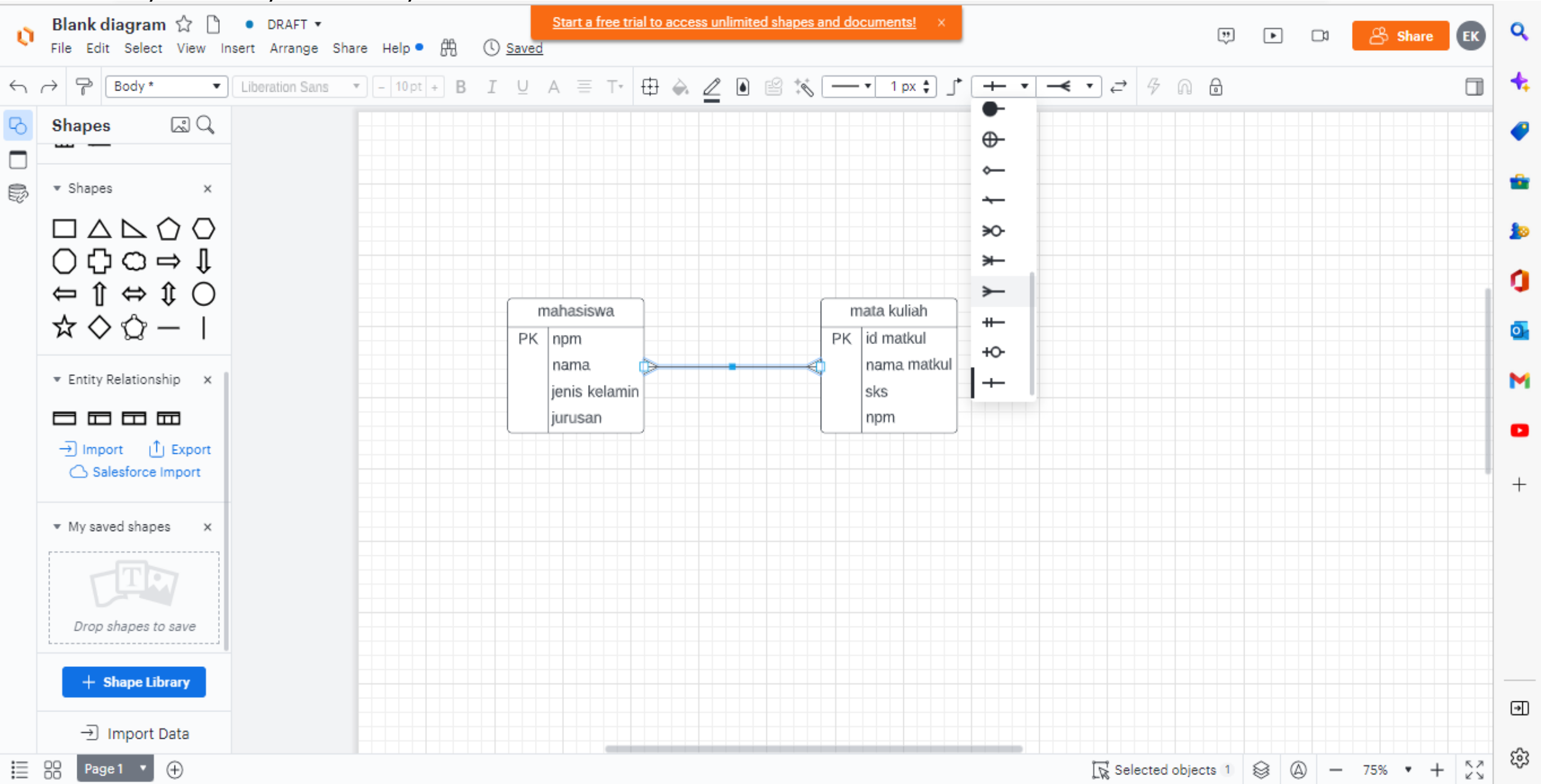
Export ERD

Selected objects 1

75%



- Selanjutnya hubungkan kedua entitas dgn cara didrag, lalu atur simbol kardinalitasnya



- Desainlah CDM berikut menggunakan tools misalnya menggunakan lucidchart (boleh menggunakan tools lain)

## *Evaluasi & Latihan*

