

# *Sistem Basis Data 1*

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A large, irregular pink brushstroke shape serves as a background for the text. It has a soft, painterly texture with visible brush marks and a slightly darker pink shadow on the right side.

# *Microsoft Access Database*

A large, irregular pink brushstroke shape on the left side of the slide, containing the title text.

## *Apa Itu Access Database ?*

- Program aplikasi keluaran Microsoft yang berguna untuk membuat, mengolah, dan mengelola database (basis data).



## *Fitur Utama Access*

Fitur	Keterangan
Query	Fitur pada Microsoft ini yang berfungsi untuk mengubah, menampilkan, menghapus, menganalisis data, dan lain sebagainya.
Form	Fitur pada Microsoft ini yang berfungsi untuk memeriksa, membuat, dan memperbarui data.
Report	Fitur pada Microsoft ini yang berfungsi untuk menampilkan dan mencetak data yang telah dibuat. Macro
Macro	Fitur pada Microsoft ini yang berfungsi untuk menyimpan seluruh perintah yang berkaitan dengan database yang telah dibuat dengan otomatis.
Module	Fitur pada Microsoft ini yang berfungsi sebagai Tempat untuk melaksanakan pemrograman terhadap beberapa aspek yang ada di Microsoft Access.

# *Type Data*

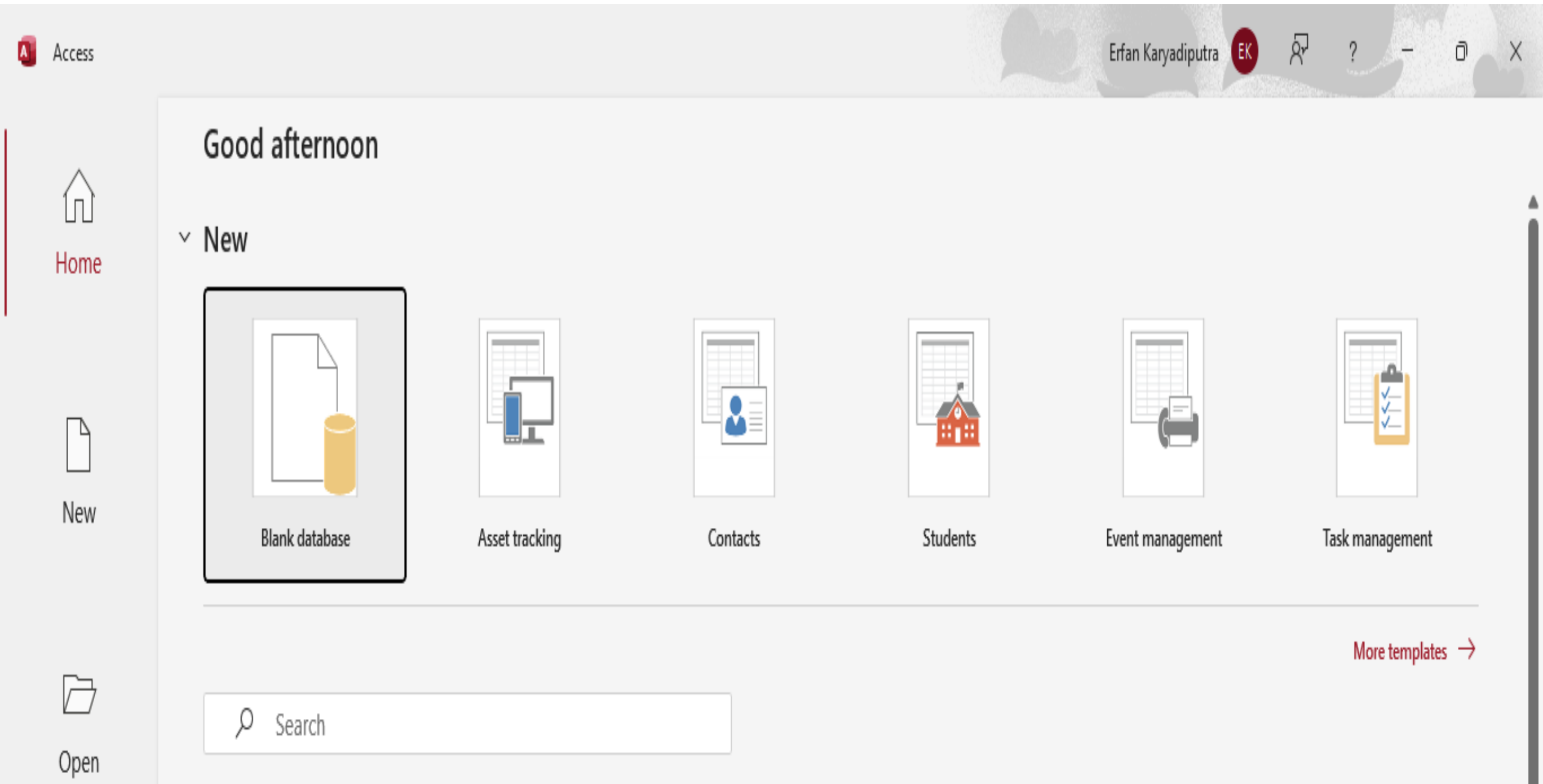
TIPE DATA	KETERANGAN
auto number	penomoran otomatis
text (short text & long text)	karakter
number	angka
date time	tanggal & waktu
currency	satuan mata uang
yes / no	nilai yes / no
ole object	gambar, audio, video
hyperlink	link
attachment	file
calculated	menjumlahkan nilai dari beberapa kolom
lookup wizard	membuat pilihan

A large, irregular pink brushstroke shape on the left side of the slide, containing the title text.

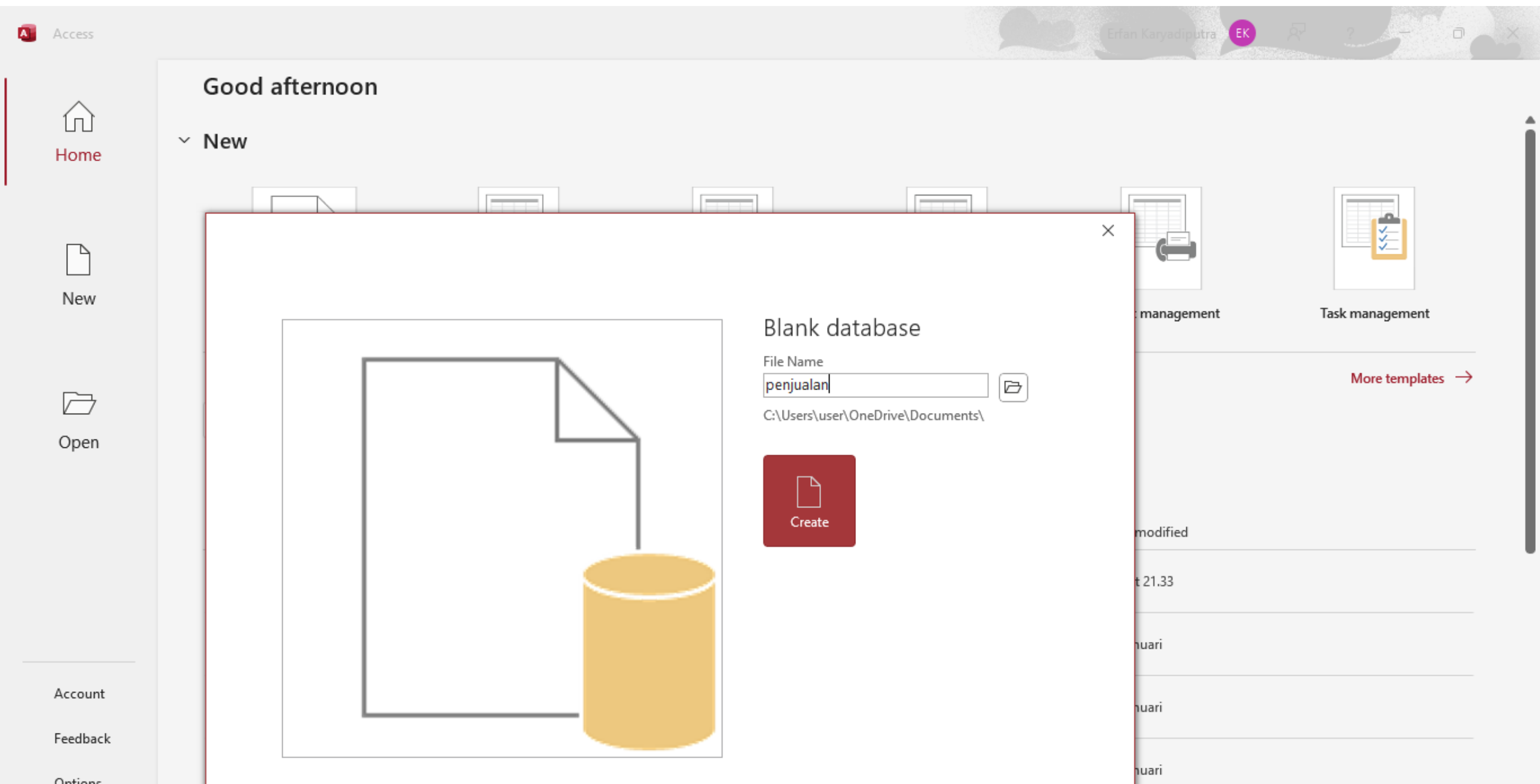
## *Membuat Database*

- Blank database - nmDB - Create

- Buka access, pilih blank database



- Ketik penjualan, lalu pilih create



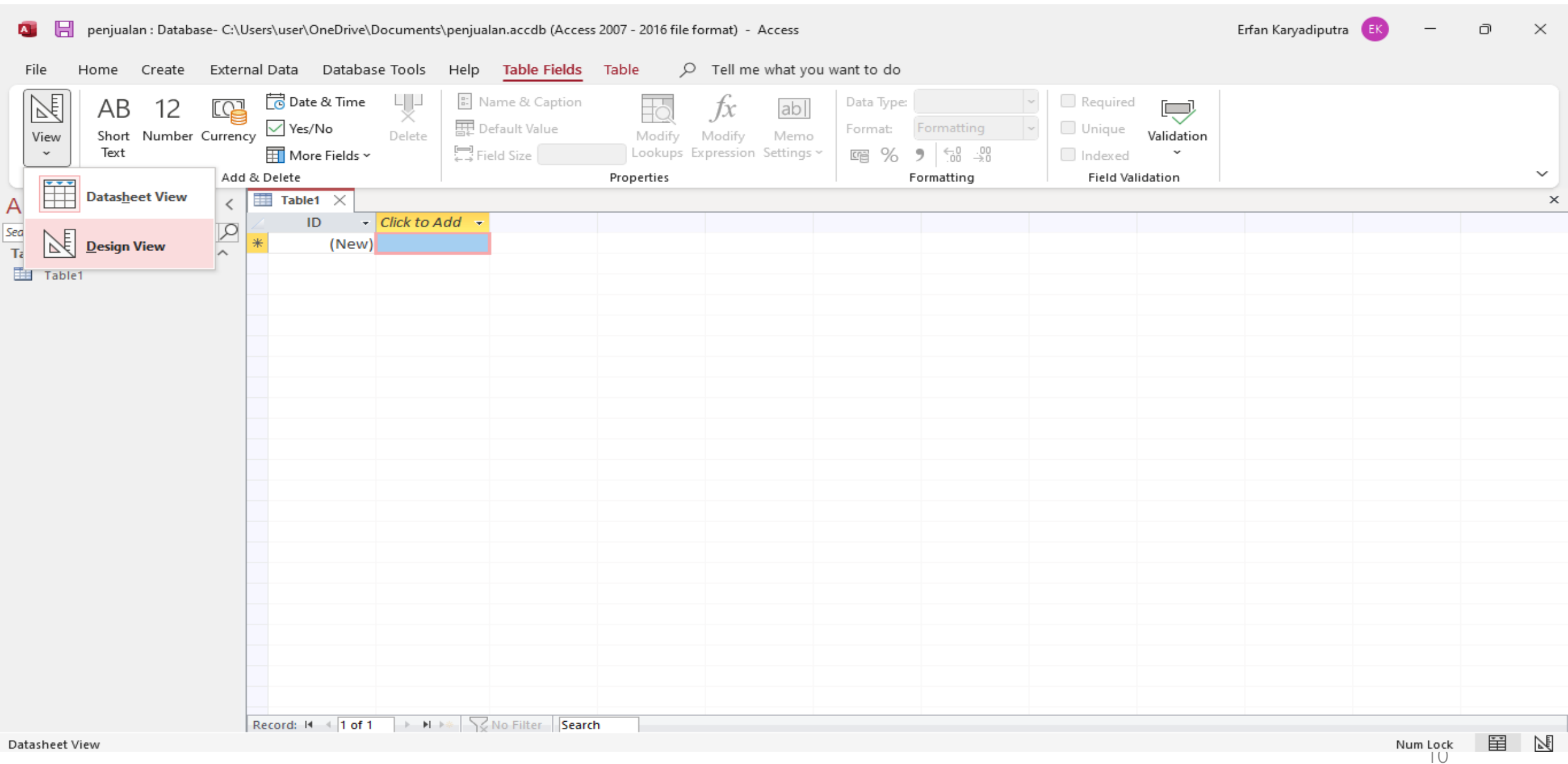




## *Membuat Tabel*

- View – design view utk membuat struktur tabel
- View – datasheet view utk mengisi data tabel
- Create – table utk membuat tabel baru

- Pilih design view utk membuat struktur tabel



- Ketik pelanggan lalu ok

penjualan : Database- C:\Users\user\OneDrive\Documents\penjualan.accdb (Access 2007 - 2016 file format) - Access

Erfan Karyadiputra EK

FileHomeCreateExternal DataDatabase ToolsHelpTable FieldsTableTell me what you want to do

View

Views

AB

Short Text

12

Number

Currency

Date & Time

Yes/No

More Fields

Add & Delete

Delete

Name & Caption

Default Value

Field Size

Modify Lookups

fx

Modify Expression

ab|

Memo Settings

Data Type

Format

Formatting

Field Validation

Required

Unique

Indexed

Validation

All Access Objects

Search...

Tables

Table1

Table1

ID

Click to Add

(New)

Save As

Table Name:

Pelanggan

OK

Cancel

Record: 1

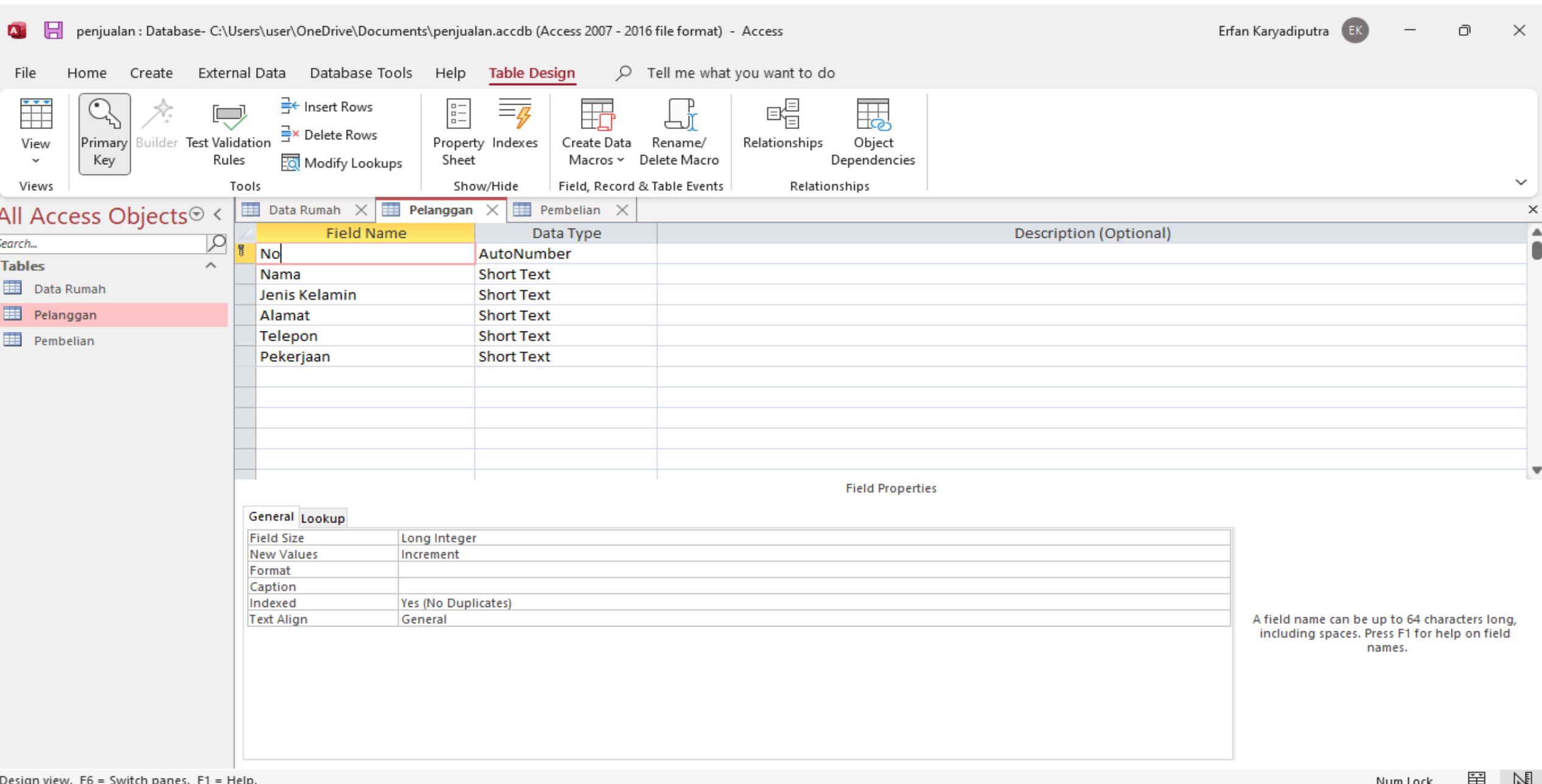
No Filter

Search

Datasheet View

Num Lock

- Ketik kolom dan tipe data seperti gambar



- Rubah tipe data pada jenis kelamin menjadi lookup wizard

penjualan : Database- C:\Users\user\OneDrive\Documents\penjualan.accdb (Access 2007 - 2016 file format) - Access

Erfan Karyadiputra EK

FileHomeCreateExternal DataDatabase ToolsHelpTable DesignTell me what you want to do

Views

Tools

Show/Hide

Field, Record & Table Events

Relationships

All Access Objects

Tables

Data Rumah

Pelanggan

Pembelian

Field Name	Data Type	Description (Optional)
No	AutoNumber	
Nama	Short Text	
Jenis Kelamin	Short Text	
Alamat	Short Text	
Telepon	Long Text	
Pekerjaan	Number	
	Large Number	
	Date/Time	
	Date/Time Extended	
	Currency	
	AutoNumber	
	Yes/No	
	OLE Object	
	Hyperlink	
	Attachment	
	Calculated	
	Lookup Wizard...	

GeneralLookup

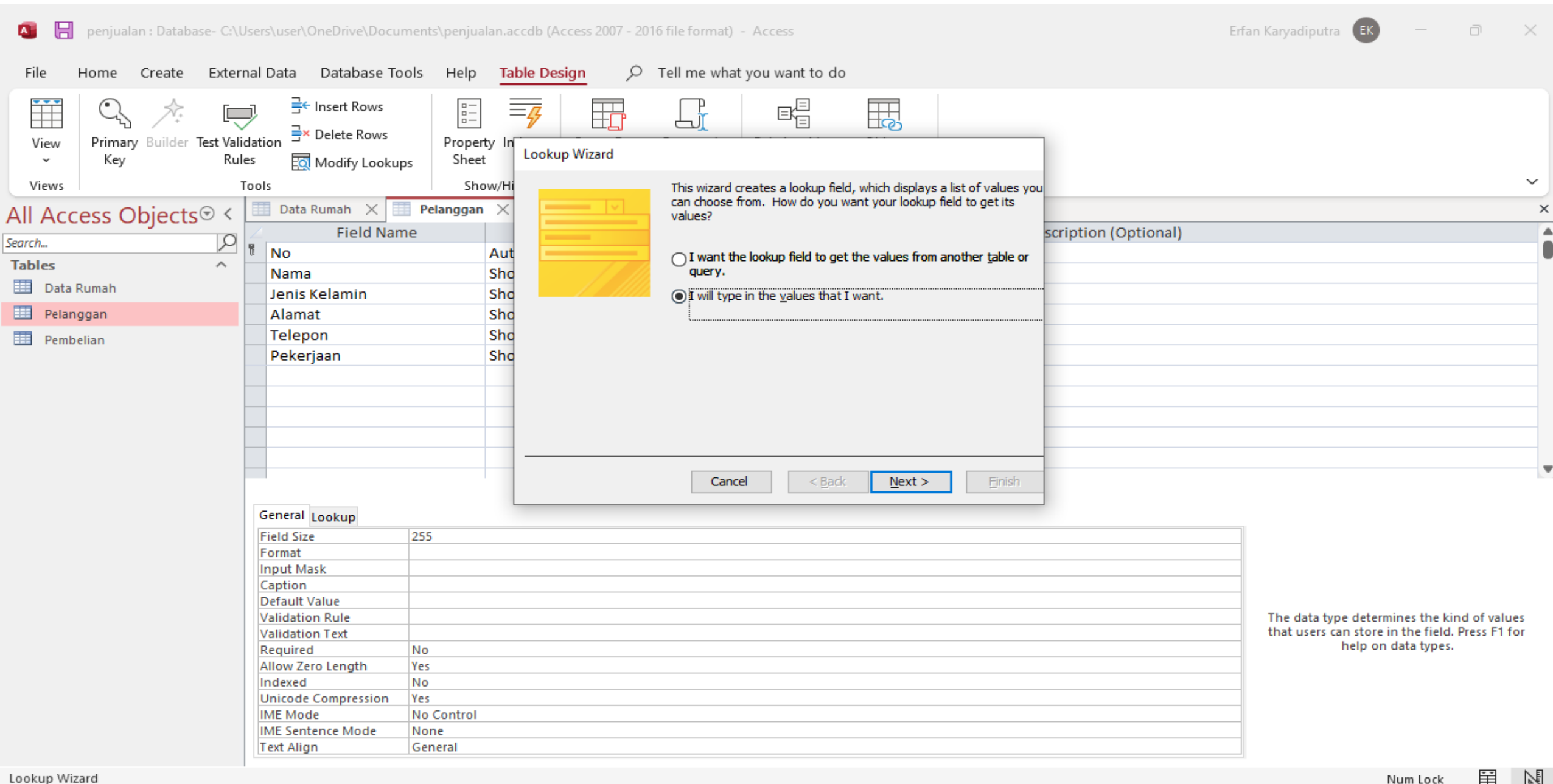
Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	No
Allow Zero Length	Yes
Indexed	No
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Text Align	General

The data type determines the kind of values that users can store in the field. Press F1 for help on data types.

Design view. F6 = Switch panes. F1 = Help.

Num Lock

- Pilih I will type in the values that I want



- Masukkan data seperti gambar dibawah ini

penjualan : Database- C:\Users\user\OneDrive\Documents\penjualan.accdb (Access 2007 - 2016 file format) - Access

Erfan Karyadiputra EK

FileHomeCreateExternal DataDatabase ToolsHelpTable DesignTell me what you want to do

ViewPrimary KeyBuilderTest Validation RulesInsert RowsDelete RowsModify LookupsProperty Sheet

ViewsToolsShow/Hide

All Access Objects

Search...

Tables

Data Rumah

Pelanggan

Pembelian

Data Rumah

Pelanggan

Field Name	Field Type	Field Size
No	AutoNumber	255
Nama	Text	255
Jenis Kelamin	Text	255
Alamat	Text	255
Telepon	Text	255
Pekerjaan	Text	255

Lookup Wizard

What values do you want to see in your lookup field? Enter the number of columns you want in the list, and then type the values you want in each cell.

To adjust the width of a column, drag its right edge to the width you want, or double-click the right edge of the column heading to get the best fit.

Number of columns: 1

Col1
laki-laki
perempuan
*

Cancel< BackNext >Finish

GeneralLookup

Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	No
Allow Zero Length	Yes
Indexed	No
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Text Align	General

The data type determines the kind of values that users can store in the field. Press F1 for help on data types.

Lookup WizardNum Lock

- Pilih datasheet view utk mengisi data tabel pelanggan

penjualan : Database- C:\Users\user\OneDrive\Documents\penjualan.accdb (Access 2007 - 2016 file format) - Access

Erfan Karyadiputra EK

File Home Create External Data Database Tools Help **Table Design** Tell me what you want to do

View Primary Key Builder Test Validation Rules Insert Rows Delete Rows Modify Lookups Property Sheet Indexes Show/Hide Create Data Macros Rename/Delete Macro Relationships Object Dependencies Relationships

Tools

Data Rumah Pelanggan Pembelian

Field Name	Data Type	Description (Optional)
No	AutoNumber	
Nama	Short Text	
Jenis Kelamin	Short Text	
Alamat	Short Text	
Telepon	Short Text	
Pekerjaan	Short Text	

Field Properties

General Lookup

Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	No
Allow Zero Length	Yes
Indexed	No
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Text Align	General

The data type determines the kind of values that users can store in the field. Press F1 for help on data types.

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- Masukkan datanya seperti gambar dibawah ini

penjualan : Database- C:\Users\user\OneDrive\Documents\penjualan.accdb (Access 2007 - 2016 file format) - Access

Erfan Karyadiputra EK

FileHomeCreateExternal DataDatabase ToolsHelpTable FieldsTableTell me what you want to do

UndoViewsClipboardSort & FilterRecordsFindText Formatting

Filter

AscendingDescendingRemove Sort

SelectionAdvancedToggle Filter

RefreshAllDeleteMore

TotalsSpellingMore

ReplaceGo ToSelect

Calibri (Detail)11

B I U A

All Access Objects

Search...

Tables

Data RumahPelangganPembelian

Data RumahPelangganPembelian

No	Nama	Jenis Kelam	Alamat	Telepon	Pekerjaan	Click to Add
1	aisyah ayana kaori	perempuan	jln hawai no 84	085389650325	dokter	
2	anna noviyana	perempuan	jln griya no 05	085300230024	dosen	
3	andie gunawan	laki-laki	jln grand no 39	085300230024	dosen	
*	(New)					

Record: 1 of 3No FilterSearch

ReadyNum Lock

- Buat tabel baru yaitu data rumah, klik create – table lalu pilih desain view

penjualan : Database- C:\Users\user\OneDrive\Documents\penjualan.accdb (Access 2007 - 2016 file format) - Access

Erfan Karyadiputra EK

File Home Create External Data Database Tools Help **Table Fields** Table Tell me what you want to do

Views: View, Short Text, Number, Currency, Date & Time, Yes/No, More Fields, Add & Delete

Properties: Name & Caption, Default Value, Field Size, Modify Lookups, Modify Expression, Memo Settings

Formatting: Data Type, Format, Formatting, %

Field Validation: Required, Unique, Indexed, Validation

All Access Objects: Search, Tables: Pelanggan, Table1

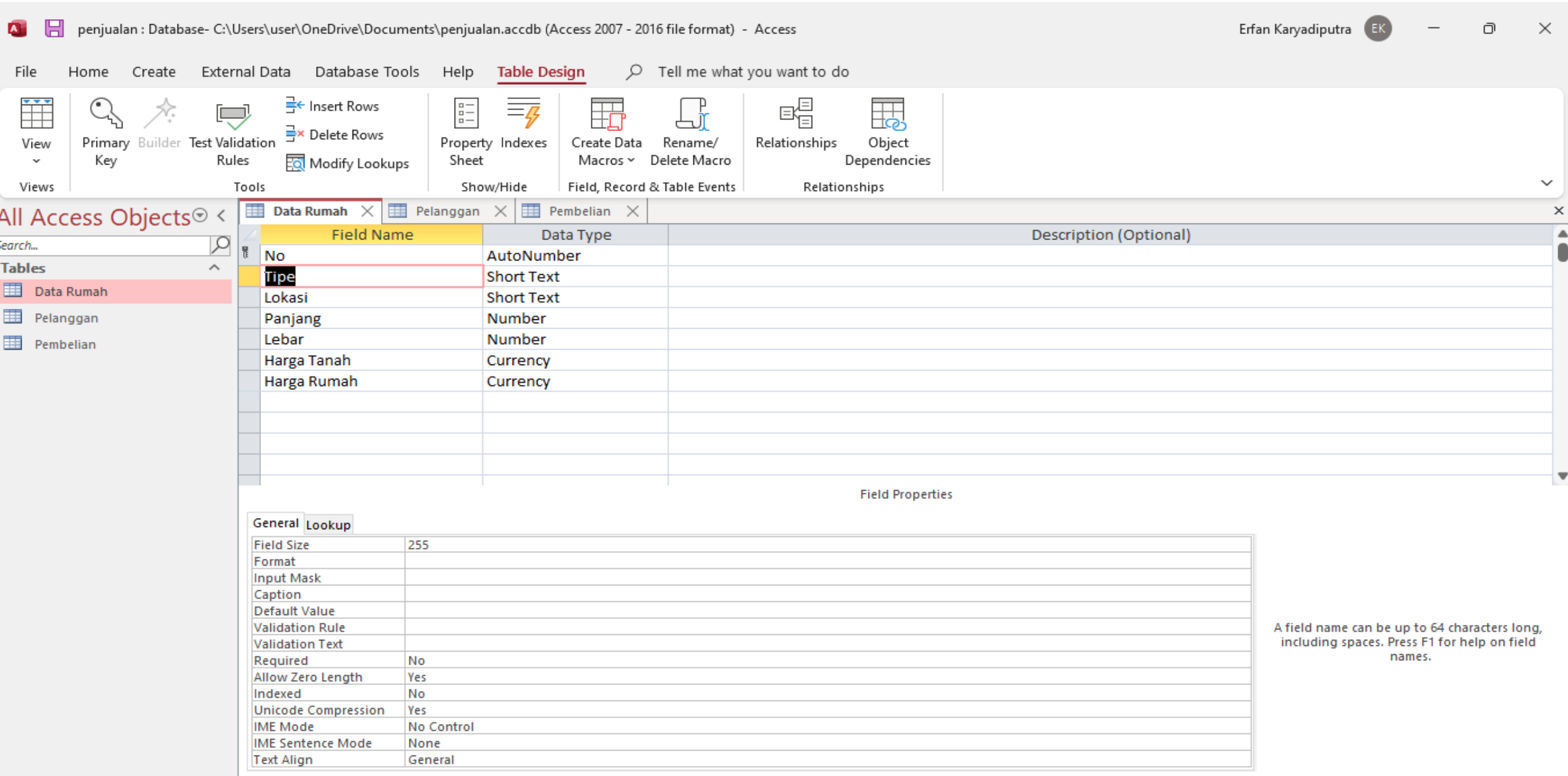
Table1: ID, Click to Add, (New)

Save As dialog: Table Name: Data Rumah, OK, Cancel

Datasheet View: Record: No Filter, Search

Num Lock

- Isi kolom seperti gambar dibawah ini



- Rubah tipe data pada kolom tipe menjadi lookup wizard, lalu ketik seperti gambar

penjualan : Database- C:\Users\user\OneDrive\Documents\penjualan.accdb (Access 2007 - 2016 file format) - Access

Erfan Karyadiputra EK

FileHomeCreateExternal DataDatabase ToolsHelpTable DesignTell me what you want to do

View

Views

Primary Key

Builder

Test Validation Rules

Insert Rows

Delete Rows

Modify Lookups

Property Sheet

Show/Hide

All Access Objects

Search...

Tables

Data Rumah

Pelanggan

Pembelian

Data Rumah

Pelanggan

Field Name	Aut
No	Aut
Tipe	Sho
Lokasi	Sho
Panjang	Nur
Lebar	Nur
Harga Tanah	Cur
Harga Rumah	Cur

General

Lookup

Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	No
Allow Zero Length	Yes
Indexed	No
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Text Align	General

Lookup Wizard

What values do you want to see in your lookup field? Enter the number of columns you want in the list, and then type the values you want in each cell.

To adjust the width of a column, drag its right edge to the width you want, or double-click the right edge of the column heading to get the best fit.

Number of columns: 1

Col1
36
45
*

Cancel

< Back

Next >

Finish

The data type determines the kind of values that users can store in the field. Press F1 for help on data types.

Lookup Wizard

Num Lock