## LAMPIRAN

### Normalized Data Store (NDS)

1. Nds\_Active\_Status



2. Nds\_Employee



3. Nds\_Employee\_Education



Employe\_Education Select values 6 Replace in string If field value is null 6 Nds\_Employee\_Education

4. Nds\_Employee\_Functional



- Employee\_Functional Select values 8 If field value is null 3 Nds\_Employee\_Functional
- 5. Nds\_Employee\_Group



6. Nds\_Employee\_Status



7. Nds\_Employee\_Structural



8. Nds\_Functional\_Position



9. Nds\_Group

Group	Select values 5	Group 2

10. Nds\_Position\_Structural



11. Nds\_Postgraduate



Postgraduate Select values 14 If field value is null Nds\_Postgraduate

12. Nds\_Work\_Unit



### 13. Nds\_Gender



## 14. Nds\_Religion



## 15. Nds\_Stage\_Education



# Dimensional Data Store (DDS)

1. Dm\_Active\_Status



2. Dm\_Employee



3. Dm\_Employee\_Education



4. Dm\_Employee\_Functional



Employee\_Functional Select values 5 Dm\_Employee\_Functional

### 5. Dm\_Employee\_Group



Employee\_Group Select values 10 Dm\_Employee\_Group

6. Dm\_Employee\_Status



7. Dm\_Employee\_Structural



8. Dm\_Functional\_Position



9. Dm\_Group



10. Dm\_Position\_Structural



11. Dm\_Postgraduate



Postgraduate Select values 11 Dm\_Postgraduate

12. Dm\_Work\_Unit



- 13. Dm\_Gender



14. Dm\_Religion



15. Dm\_Stage\_Education



Stage\_Education Select values 15 Dm\_Stage\_Education

16. Table\_Factual\_Employee\_Functional



17. Table\_Factual\_Employee\_Structural



# 18. Table\_Factual\_Postgraduate



## 19. Table\_Factual\_Employee\_Group



20. Factual Tenaga Pendidik



# Multidimensional Database (MDB) / Cube

		Solution Explorer	- ∓ ∓ ×
		- o   🟠 O O	a 🐌 🖌 🗕
💠 Data Source Wizard	– 🗆 X	Search Solution Explo	orer (Ctrl+;)
Select how to define the conn You can select from a number of ways in connection string.	ection which your data source will define its	مَّةِ Skripsi الله Data Source الله Data Source الله Cubes الله Discontinger	s Views
<ul> <li>Create a data source based on an existing</li> </ul>	or new connection	Mining Stru	ctures
Data connections:	Data connection properties:	🖨 Roles	
10.0.2.13\UMY_DWBI.UMY.ahmad	Property Value	Assemblies	
AKHMAD-PC.ETLso	Data Source 10.0.2.13:UMY_DWBI Intell Catalog UMY Provider SQLNCLI11.1 User ID ahmad	Solution Explorer	lass View
	< >>	Properties	* * /
	New Delete		
<ul> <li>Create a data source based on another ob</li> </ul>	ject	Location	
		Name	Data Sources
< Back	Next > Finish >>  Cancel		
		Name Specifies the name o	of the folder.

1. Menambahkan data source dan memilih connection

2. Pilih use the service account lalu tekan next

Data Source Wizard —		Solution Explorer 🔹 🕂 🗙
Impersonation Information You can define what Windows credentials Analysis Services will use to connect to the data source.		Search Solution Explorer (Ctrl+;)
O Use a specific Windows user name and password User name:		Data Sources     Data Source Views     Cubes
Password:		Dimensions     Mining Structures     Aoles     Assemblies
Use the credentials of the current user Inherit		Miscellaneous
		Solution Explorer Class View
		Properties - 4 × Data Sources -
< Back Next > Finish >>I	Cancel	□ Location

3. Pemberian nama pada *data source* 

Data Source Wizard      Completing the Wizard     Provide a name and then click Finish to create the new data source.	×	Solution Explorer	×₽. ₽-
Data source name: TA_kepegawaian  Preview:		<ul> <li>Skripsi</li> <li>Data Sources</li> <li>Data Source Views</li> <li>Cubes</li> <li>Dimensions</li> </ul>	
Connection string: Provider=SQLNCL111.1;Data Source=AKHMAD-PC;Password=;User ID=sa;Initial Catalog=ETL		₩ining Structures Weles Wassemblies Wiscellaneous	
		Solution Explorer Class View Properties	
< Back Next > Finish C	ancel	Data Sources	•

4. Pemilihan tabel factual dan dimension

🐗 Data Source View Wizard		ΠX	Solution Explorer 🔹 म 🗙
Select Tables and Views Select objects from the relational databa- view	ase to be included in the data source	De al	C O 合 I O マ 司 同 チ - Search Solution Explorer (Ctrl+;) ア・
Available objects:	Included objects:	E a	ana Skripsi ▲ ■ Data Sources ■ TA_kepegawaian.ds
Name         Type           ■ VNds_Emp_Educa         Table           ■ VNds_Emp_Functi         Table           ■ VNds_Emp_Strukt         Table           ■ VNds_Emp_Strukt         Table           ■ VNds_Emp_Strukt         Table           ■ Table Factual Jab         Vew           □ Table Factual Jab         Vew           □ Table Factual Jab         Vew           □ Table Factual Fas         Vew           □ Table Factual Ten         Vew           □ Table Factual Ten         Vew           □ Table Factual Ten         Vew	Name Table_Factual_P Table_Tractual_P Tom_Employee_Fu Tom_Functional_P Tom_Functional_P Tom_Grader (dbo) Tom_Grader (dbo) Tom_Graditon_Stru Tom_Fingloyee_Gr Tom_Fing	Type ^ Table Table Tabl	Data Source Views     Cubes     Dimensions     Mining Structures     Roles     Assemblies     Miscellaneous
Filter:	Add Related T	ables	Solution Explorer Class View Properties • P × Data Source Views •
< Back	Next > Finish >>	Cancel	

5. Pemberian nama pada data source view

📲 Data Source View Wizard —		×	Solution Explorer 👻 🕂 🗙
Completing the Wizard Provide a name, and then click Finish to create the new data source view.	" d"	- Ka	Search Solution Explorer (Ctrl+;)
Name: view			Comparison     C
Preview:		^	Cubes Dimensions Mining Structures Roles Miscellaneous
Table_Factual_Employee_Structural (dbo) Table_Factual_Postgraduate (dbo) Def_Endurae_Forestingel(dbo)		Ļ	Solution Explorer Class View
Her Dim Employee Functional (000)			Data Source Views -
< Back Next > Finish	Cancel		E Location

6. Pembuatan cube



7. Pemilihan tabel yang akan menjadi measure

🤪 Cube Wizard — 🗆	х	Solution Explorer 👻 👎 🗙
Select Measure Group Tables Select a data source view or diagram and then select the tables that will be used for measure groups.		Search Solution Explorer (Ctrl+;)
Data source view: view	~	a Skripsi ▲ ■ Data Sources ■ TA_kepegawaian.ds ↓ ■ Data Source Views
Measure group tables: Suggest		🗗 view.dsv
Image Fendelik         Image Tenage Pendelik         Image Tenage Pendelik         Image Tenage Tenage         Image Tenage </td <td>*</td> <td><ul> <li>☐ Cubes</li> <li>☐ Dimensions</li> <li>☑ Mining Structures</li> <li>☑ Roles</li> <li>☑ Assemblies</li> <li>☑ Miscellaneous</li> </ul></td>	*	<ul> <li>☐ Cubes</li> <li>☐ Dimensions</li> <li>☑ Mining Structures</li> <li>☑ Roles</li> <li>☑ Assemblies</li> <li>☑ Miscellaneous</li> </ul>
Table_Factual_Postgraduate		Solution Explorer Class View
Dm_Functional_Position	~	Properties • 4 × Cubes •
< Back Next > Finish >>  Cance	4	

### 8. Pemilihan tabel dimension

-				
	🤪 Cube Wizard —		×	Solution Explorer 🔹 후 부 🗙
	Select New Dimensions			006 0-010 ₽
1	Select new dimensions to be created, based on available tables.			Search Solution Explorer (Ctrl+;)
				a Skripsi ▲ ■ Data Sources
	Dimension			TA kenegawaian.ds
	Dm Employe Status		^	Data Source Views
	Dm_Employe_Status			- view day
	Dm Employee Education			Cuber
	Dm_Employee_Education			Dimensions
	Dm Active Status			Dimensions     Table Administrations
	ZI 2 Dm Employee			Mining Structures
				Koles
	VI / Dm Stage Education			Assemblies
	Dm Stage Education			Miscellaneous
	Dm Functional Position			
	✓1 / Dm Employee Functional			
	Dm Employee Functional			Solution Explorer Class View
	Dm Religion			Solution Explorer Class view
	Dm_Religion			Properties - 🕈 🗸 X
	⊡1 ∕ Dm Group		¥	Cubes -
	< Back Next > Finish >>	Ca	ncel	
				E Location

#### 9. Pemberian nama cube



10. Klik kanan *deploy* makan akan keluar hasil *deploy succes* dibawah

FILE EDIT	ennandfreide <sup>1.</sup> Microsof Yand Stado 1997 - Politik Ball D. 1998 – BARANE TOOS WHOOM HEP 19 - ■ 1991 X, ISS   19 - C +   Stat +  Dendeprent -    20 - B = C (K = -,	V Quick Launch (Ctrl+Q)
Faver Epiloumi Server v Database Composition Composit	#Regins: 2.00 En Engloyee.dem Diego]         Cable. Glegola del Diegol         verded Diegol           Markenson-Project         Markenson-Project         del Status Mathemanian Project           Markenson-Project         Status 1.0 fort imper 2000/2014 23.13, Dominion 600.17         Ø         del Status 1.0 fort imper 2000/2014 23.13, Dominion 600.17         Ø         Ø memory clark Cable (Apply compiled.         Ø	Exhans Explore     Class     Constraints     Constraints
Status:	Deployment Completed Successfully	Hame Specifies the name of the project. $\chi^{A} \rightarrow 100 \text{ fm} 101 \text{ ND} 23.42 \text{ COUVORS}$

# 11. Hasil *cube*

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Cube Skripsi	Dimension		Hierarchy		Operator	Filter E
Matadata	<select dime<="" td=""><td>ension&gt;</td><td></td><td></td><td></td><td></td></select>	ension>				
Measure Group:						
<ali></ali>						
Employe Status	Full Name	Birth Place	Birth Date	Umur Sekrang	Table Factual Employ	ee Fun
□ 0 Dm Employee	dr. Rizk	Semarang	1986-11-24	32	2	
🗄 📑 Birth Date	drg. M	Yogyakarta	1968-03-22	50	1	
Birth Place	Adde Ma	Menes	1972-10-17	46	1	
Employee Id     Employee Key	Adhianty	Aceh Timur	1978-12-04	40	1	
Full Name	Agung S	Rembang	1987-11-21	31	1	
🕀 🚺 Nik	Agus Tri	Yogyakarta	1968-10-14	50	1	
	Ahdiana	Yogyakarta	1971-06-16	47	1	
Image: Imag	Ahim Ab	Kuningan	1970-11-26	48	1	
Diff Employee Education     Diff Employee Functional	Ahmad H	Lampung	1962-10-23	56	1	
🗈 🧕 Dm Employee Group	Ahmad	Sleman	1972-12-12	46	1	
🗄 🧕 Dm Functional Position 🔍	Alex Mur	Epil Sekayu	1969-01-03	49	1	
	Ali Muha	Sleman	1971-07-31	47	1	
Calculated Members	Alni Rah	Yogyakarta	1968-01-14	50	1	
	Aly Aulia	Jakarta	1982-05-17	36	1	
	Ambar R	Karangan	1986-06-04	32	1	
	Ana drg	Yogyakarta	1970-04-29	48	1	
	Anang S	Semarang	1952-05-05	66	1	
	Andan Y	Sleman	1975-06-01	43	1	
μ						

# Validasi Data

1. Emp\_Employee\_Education

<pre>select count (*) from etl.[dbo].[emp_Employee_Education]</pre>
100 % - <
📰 Results 📑 Messages
(No column name)
1 1754

2. Nds\_Employee\_Education

	<pre>select count (*) from etl.[dbo].[Nds_Employee_Education]</pre>
100 %	∕o <b>▼</b> <
	Results 📑 Messages
	(No column name)
1	861

3. Dm\_Employee\_Education

	<pre>select count (*) from etl.[dbo].[Dm_Employee_Education]</pre>
100 % - <	
🛄 Re	esults 📑 Messages
	(No column name)
1	861