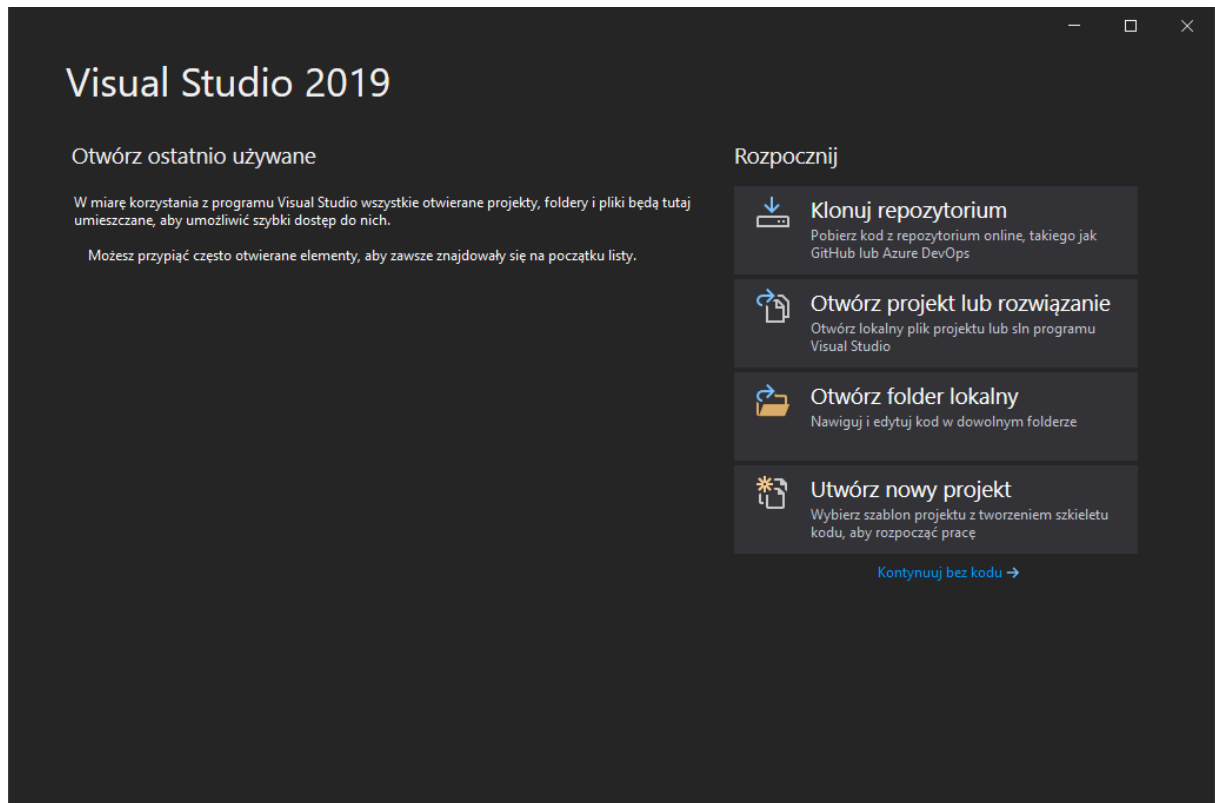
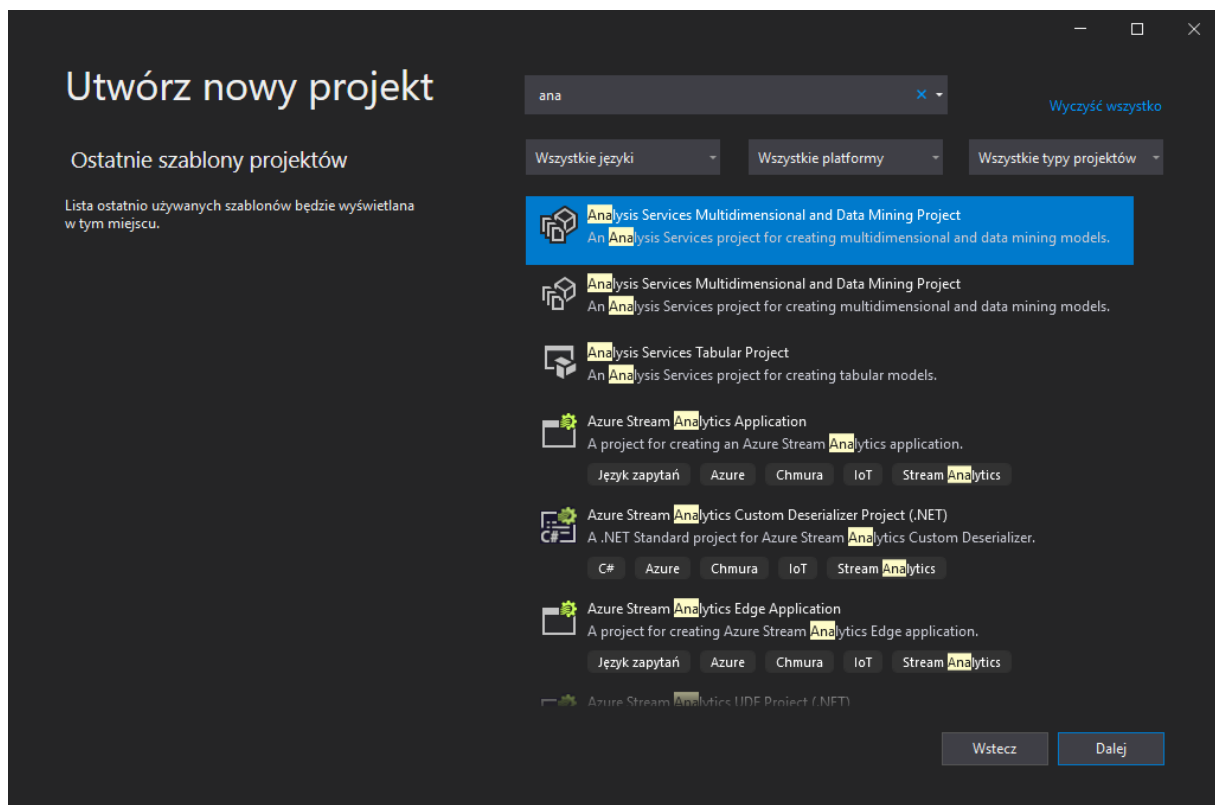


Drugi projekt: Tworzenie kostki OLAP

Uruchamiamy program VS2019 i tworzymy nowy projekt:



Wybieramy odpowiedni szablon:



Nadajemy nazwę:

Konfiguruj nowy projekt

Analysis Services Multidimensional and Data Mining Project

Nazwa projektu

Salon_Samochodowy_OLAP

Lokalizacja

C:\Users\188950\source\repos

Nazwa rozwiązania ⓘ

Salon_Samochodowy_OLAP

☐ Umieść rozwiązanie i projekt w tym samym katalogu

Wstecz Utwórz

Wybieramy nowe źródło danych:

Data Source Wizard

Welcome to the Data Source Wizard

Use this wizard to create a new data source.

A data source represents a connection to your data.

A data source does not provide features such as caching metadata, adding relationships, adding calculations, and adding annotations. To apply these features to a data source, use this wizard to create the data source, and then use Data Source View Wizard to create a view that includes the appropriate features.

☐ Don't show this page again

< Back Next > Finish >> Cancel

Uzupełniamy dane o nazwę serwera, dane użytkownika i wybieramy naszą bazę danych:

Connection Manager

Provider: Native OLE DB\SQL Server Native Client 11.0

Nazwa serwera: 10.110.97.4 Odśwież

Logowanie do serwera

Uwierzytelnianie: Uwierzytelnianie programu SQL Server

Nazwa użytkownika: 188950

Hasło:

☐ Zapisz moje hasło

Łączenie z bazą danych

☒ Wybierz lub wprowadź nazwę bazy danych:

iwb2024_saloon_samochodowy

☐ Dołącz plik bazy danych: Przeglądaj...

Nazwa logiczna:

Test Connection OK Cancel Help

Wybieramy naszą bazę:

Data Source Wizard

Select how to define the connection

You can select from a number of ways in which your data source will define its connection string.

☐ Create a data source based on another object

☒ Create a data source based on an existing or new connection

Data connections:

10.110.97.4.iwb2024_saloon_samochodowy

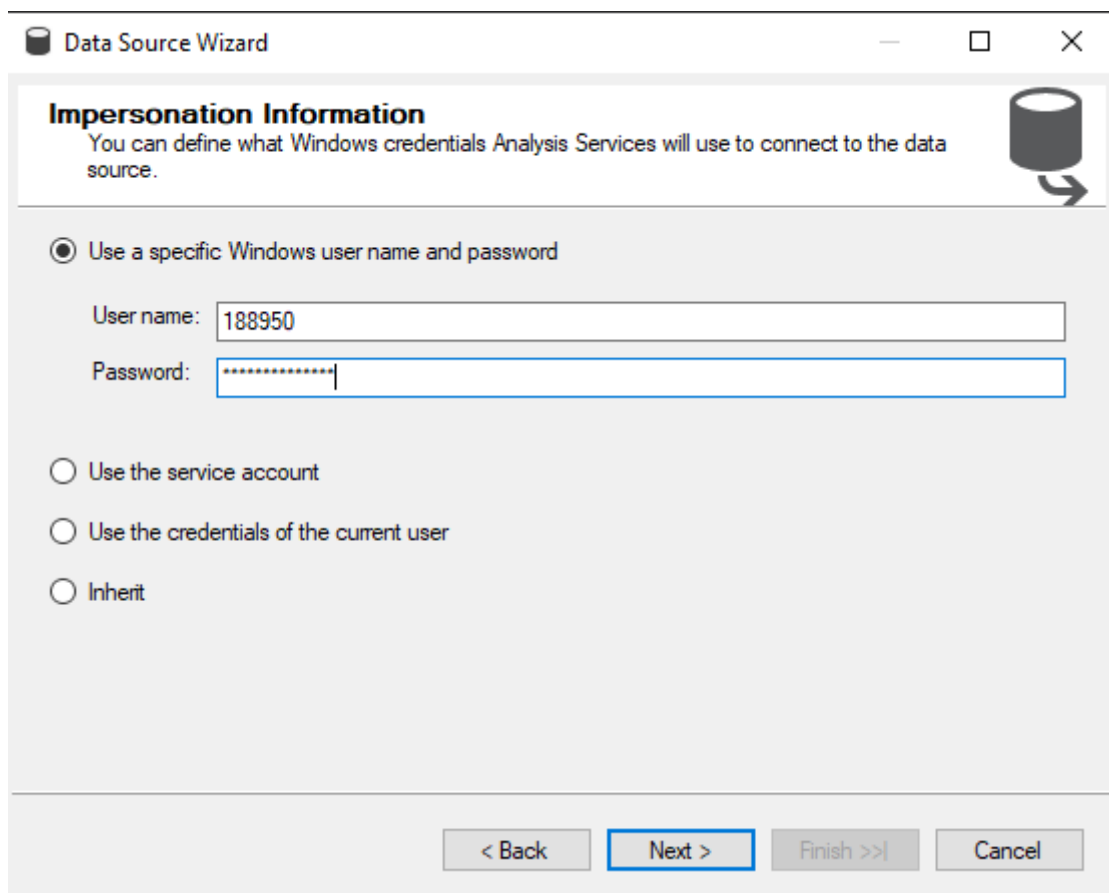
Data connection properties:

Property	Value
Data Source	10.110.97.4
Initial Catalog	iwb2024_saloon_samoc...
Provider	SQLNCLI11.1
User ID	188950

New... Delete

< Back Next > Finish >> Cancel

Wpisujemy dane logowania:



The screenshot shows the 'Data Source Wizard' window, specifically the 'Impersonation Information' step. The title bar reads 'Data Source Wizard'. The main heading is 'Impersonation Information' with a subtext: 'You can define what Windows credentials Analysis Services will use to connect to the data source.' There is a database cylinder icon with an arrow pointing to the right. Below this, there are four radio button options: 'Use a specific Windows user name and password' (which is selected), 'Use the service account', 'Use the credentials of the current user', and 'Inherit'. Under the selected option, there are two text input fields: 'User name:' containing '188950' and 'Password:' containing a masked password '*****'. At the bottom, there are four buttons: '< Back', 'Next >' (highlighted with a blue border), 'Finish >>|', and 'Cancel'.

Data Source Wizard

Impersonation Information
You can define what Windows credentials Analysis Services will use to connect to the data source.

☒ Use a specific Windows user name and password

User name: 188950

Password: *****

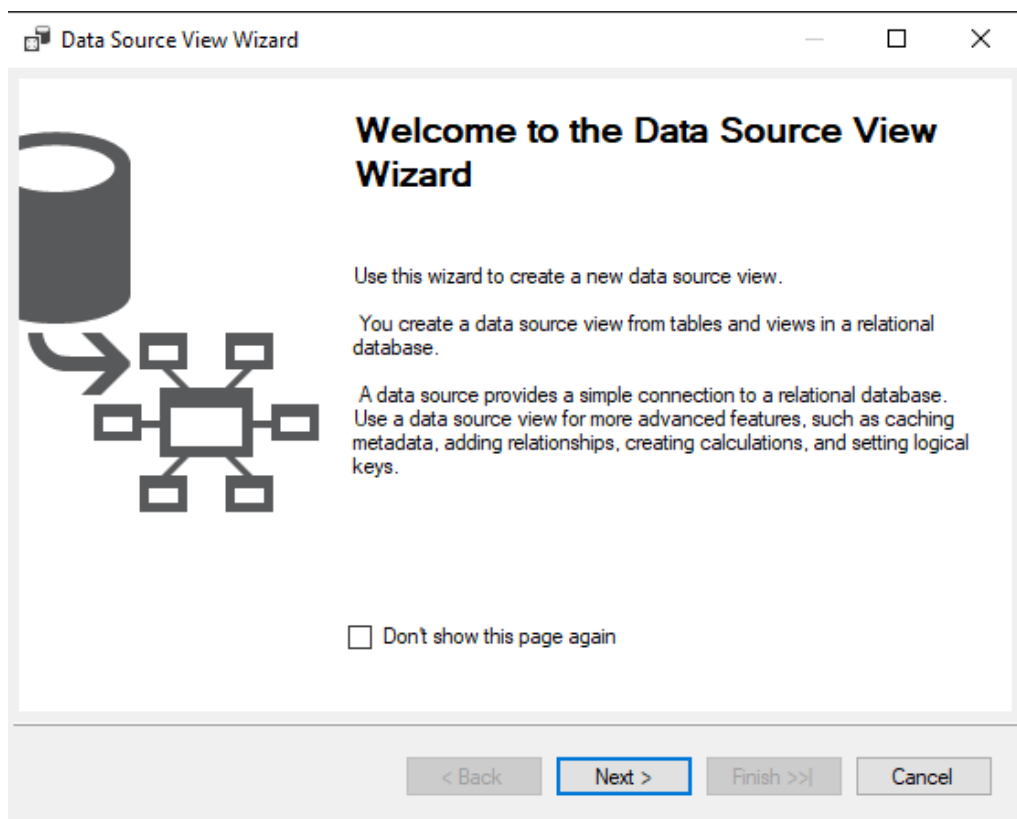
☐ Use the service account

☐ Use the credentials of the current user

☐ Inherit

< Back **Next >** Finish >>| Cancel

Tworzymy nowy widok źródła danych:



The screenshot shows the 'Data Source View Wizard' window, specifically the 'Welcome' step. The title bar reads 'Data Source View Wizard'. On the left, there is a diagram showing a database cylinder icon connected by an arrow to a central square node, which is further connected to several smaller square nodes, representing a data source view. The main heading is 'Welcome to the Data Source View Wizard'. Below this, there is explanatory text: 'Use this wizard to create a new data source view.', 'You create a data source view from tables and views in a relational database.', and 'A data source provides a simple connection to a relational database. Use a data source view for more advanced features, such as caching metadata, adding relationships, creating calculations, and setting logical keys.' At the bottom, there is a checkbox labeled 'Don't show this page again'. At the very bottom, there are four buttons: '< Back', 'Next >' (highlighted with a blue border), 'Finish >>|', and 'Cancel'.

Data Source View Wizard

Welcome to the Data Source View Wizard

Use this wizard to create a new data source view.

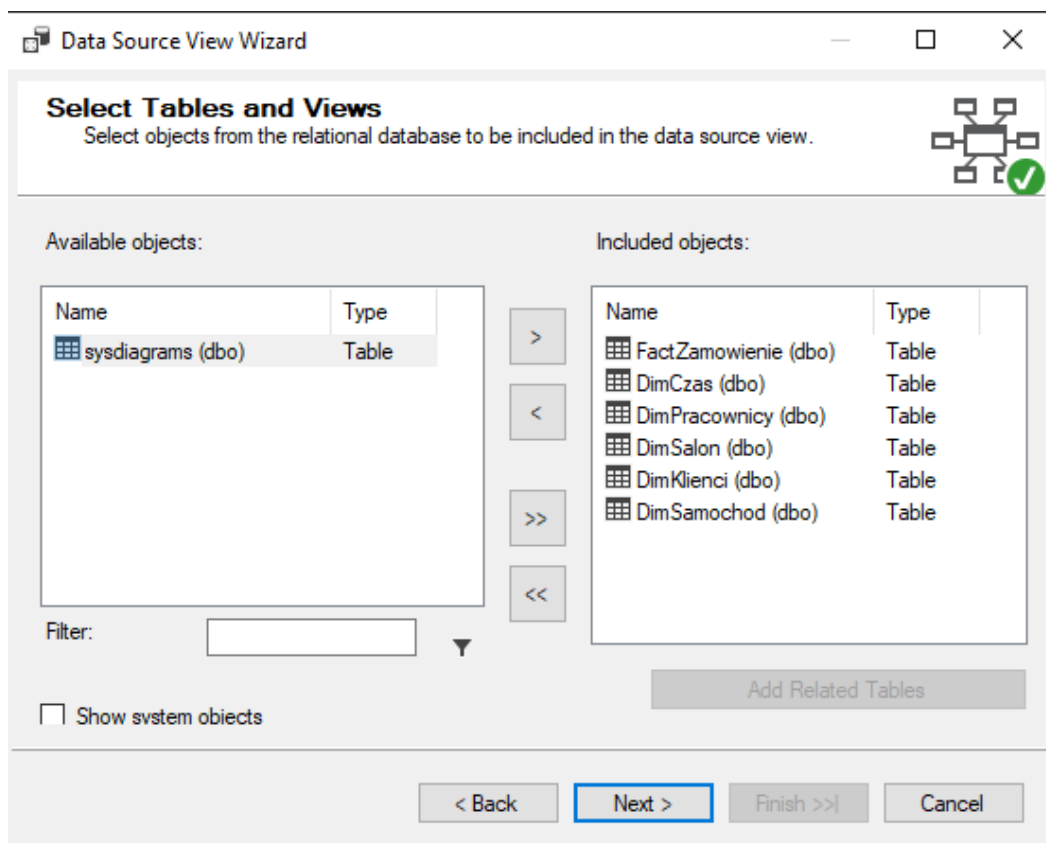
You create a data source view from tables and views in a relational database.

A data source provides a simple connection to a relational database. Use a data source view for more advanced features, such as caching metadata, adding relationships, creating calculations, and setting logical keys.

☐ Don't show this page again

< Back **Next >** Finish >>| Cancel

Dodajemy nasze tabele przenosząc je z lewego okienka do prawego:



The screenshot shows the 'Data Source View Wizard' window, specifically the 'Select Tables and Views' step. The window title is 'Data Source View Wizard'. The main heading is 'Select Tables and Views' with a subtitle 'Select objects from the relational database to be included in the data source view.' There are two panes: 'Available objects' on the left and 'Included objects' on the right. In the 'Available objects' pane, a table lists 'sysdiagrams (dbo)' as a 'Table'. In the 'Included objects' pane, a table lists six tables: 'FactZamowienie (dbo)', 'DimCzas (dbo)', 'DimPracownicy (dbo)', 'DimSalon (dbo)', 'DimKlienci (dbo)', and 'DimSamochod (dbo)', all of type 'Table'. Between the panes are navigation buttons: '>', '<', '>>', and '<<'. Below the 'Available objects' pane is a 'Filter:' text box and a 'Show system objects' checkbox. Below the 'Included objects' pane is an 'Add Related Tables' button. At the bottom are four buttons: '< Back', 'Next >', 'Finish >>', and 'Cancel'. The 'Next >' button is highlighted with a blue border.

Name	Type
sysdiagrams (dbo)	Table

Name	Type
FactZamowienie (dbo)	Table
DimCzas (dbo)	Table
DimPracownicy (dbo)	Table
DimSalon (dbo)	Table
DimKlienci (dbo)	Table
DimSamochod (dbo)	Table

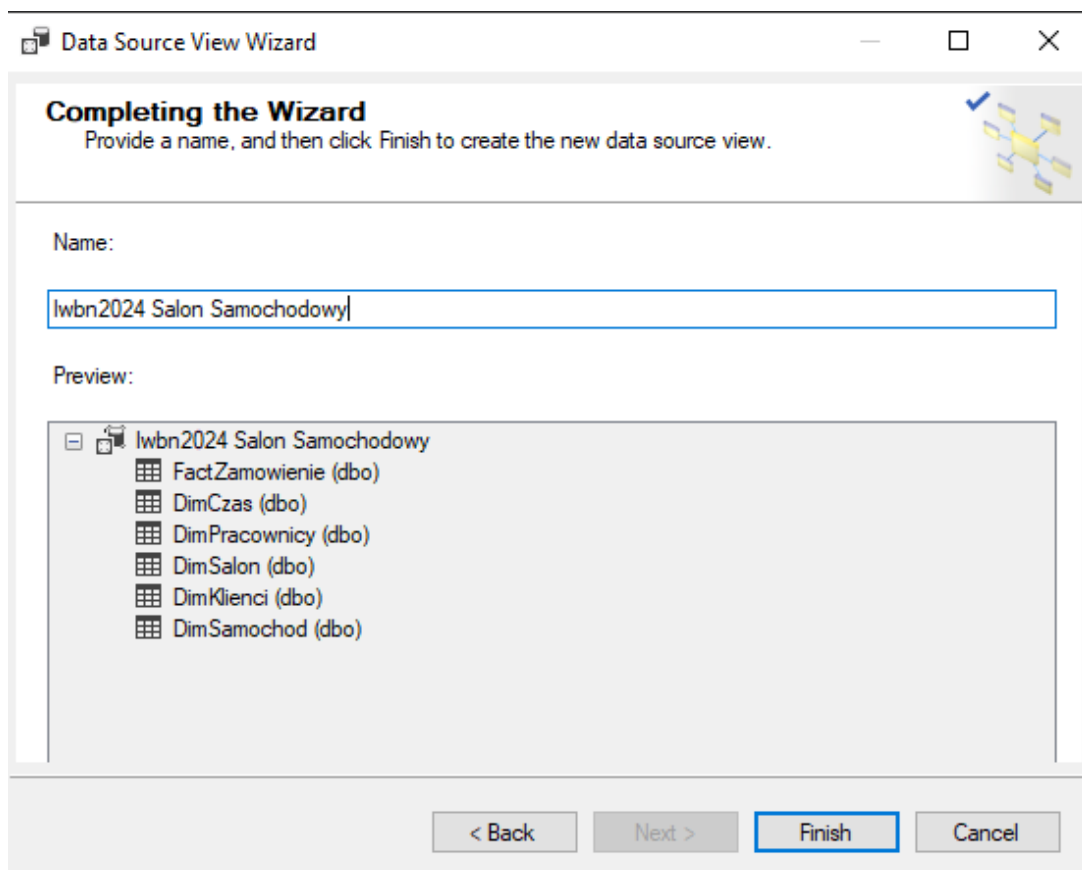
Filter:

☐ Show system objects

Add Related Tables

< Back Next > Finish >> Cancel

Nadajemy nazwę:



The screenshot shows the 'Data Source View Wizard' window, specifically the 'Completing the Wizard' step. The window title is 'Data Source View Wizard'. The main heading is 'Completing the Wizard' with a subtitle 'Provide a name, and then click Finish to create the new data source view.' There is a 'Name:' label followed by a text box containing 'Iwbn2024 Salon Samochodowy'. Below this is a 'Preview:' label followed by a tree view showing the structure of the data source view. The tree view has a root node 'Iwbn2024 Salon Samochodowy' which contains six child nodes: 'FactZamowienie (dbo)', 'DimCzas (dbo)', 'DimPracownicy (dbo)', 'DimSalon (dbo)', 'DimKlienci (dbo)', and 'DimSamochod (dbo)'. At the bottom are four buttons: '< Back', 'Next >', 'Finish', and 'Cancel'. The 'Finish' button is highlighted with a blue border.

Name:

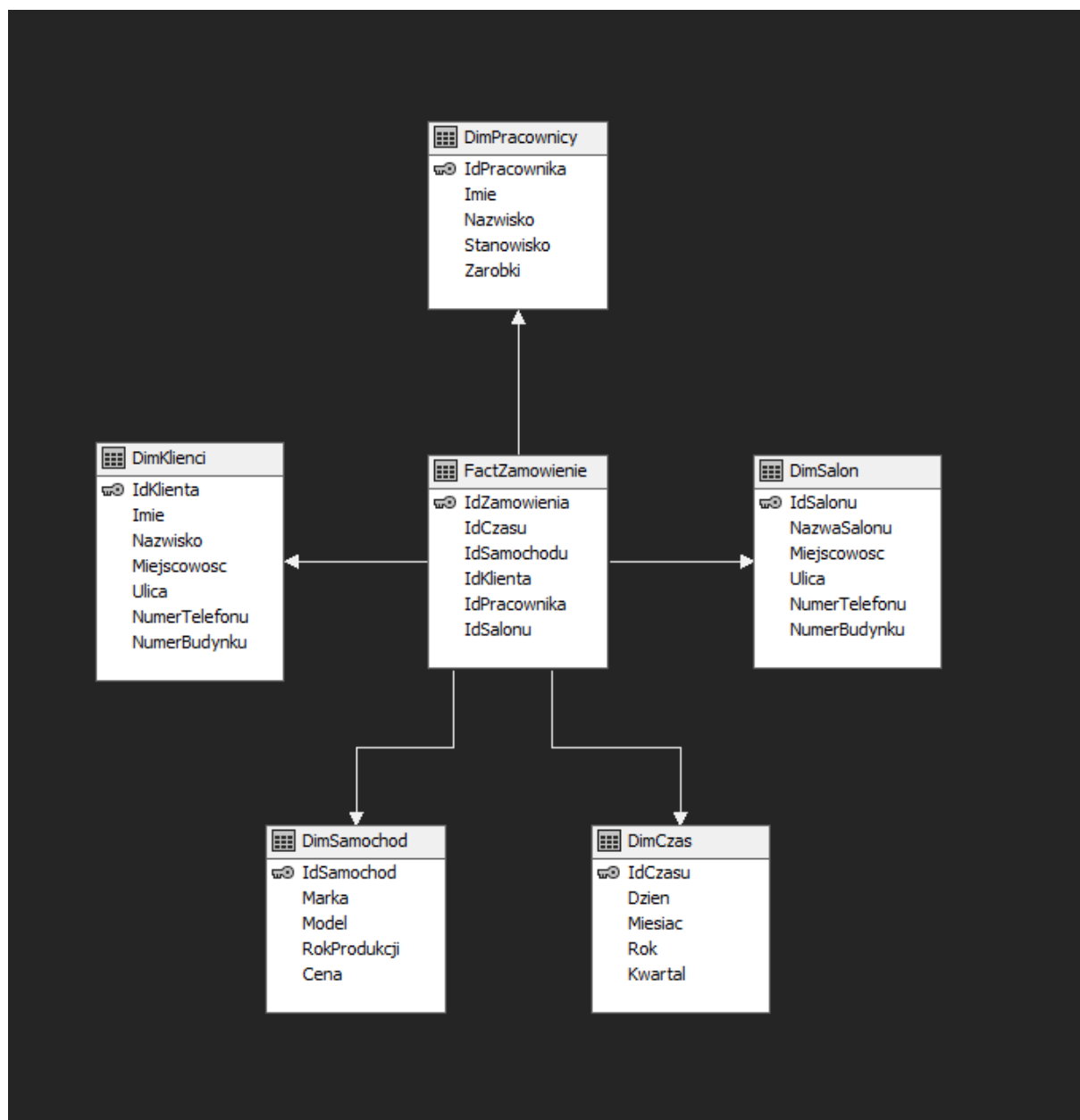
Iwbn2024 Salon Samochodowy

Preview:

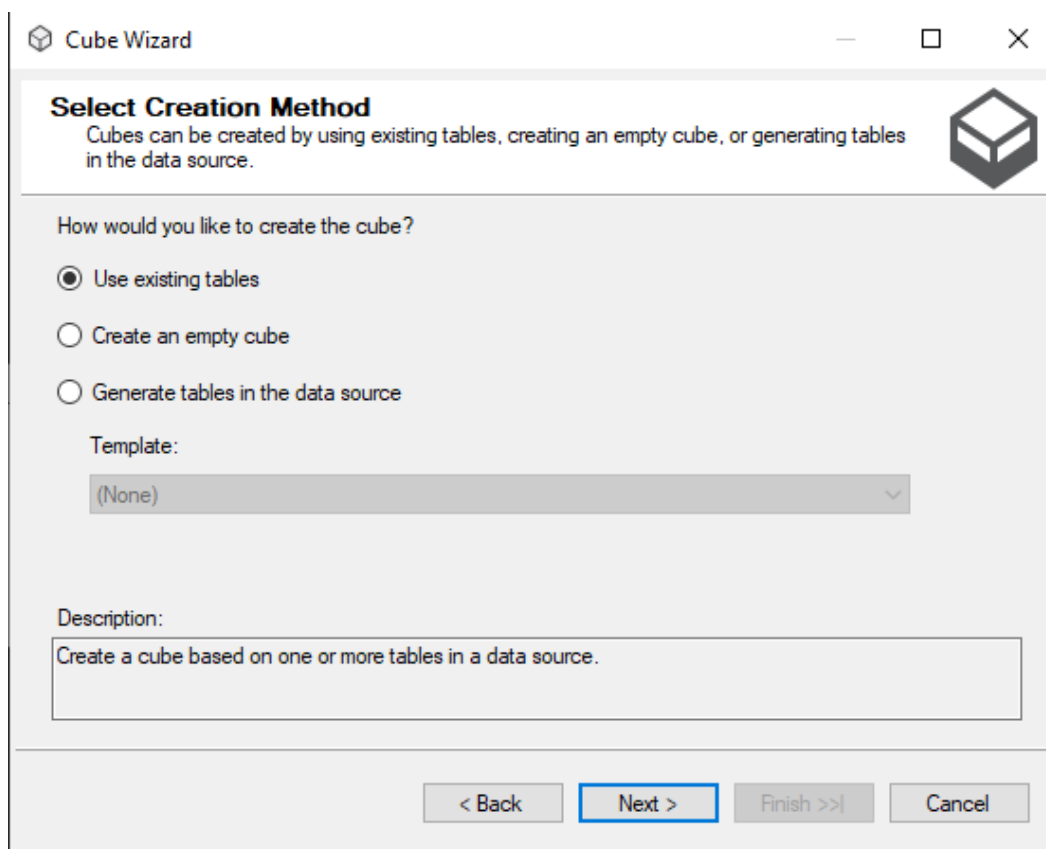
- Iwbn2024 Salon Samochodowy
 - FactZamowienie (dbo)
 - DimCzas (dbo)
 - DimPracownicy (dbo)
 - DimSalon (dbo)
 - DimKlienci (dbo)
 - DimSamochod (dbo)

< Back Next > Finish Cancel

Po uruchomieniu nasz widok źródła danych wygląda następująco:

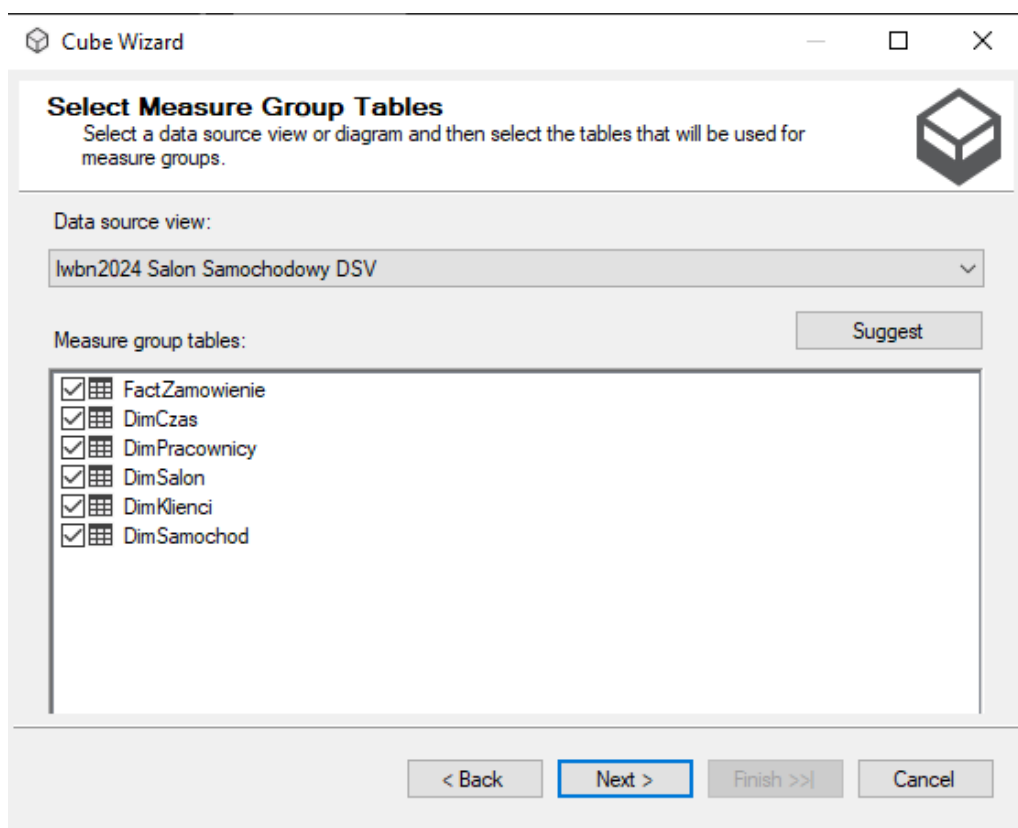


Przechodzimy do tworzenia kostki, w tym celu w eksploratorze klikamy „Cubes”, a następnie „New Cube” i wybieramy metodę tworzenia:



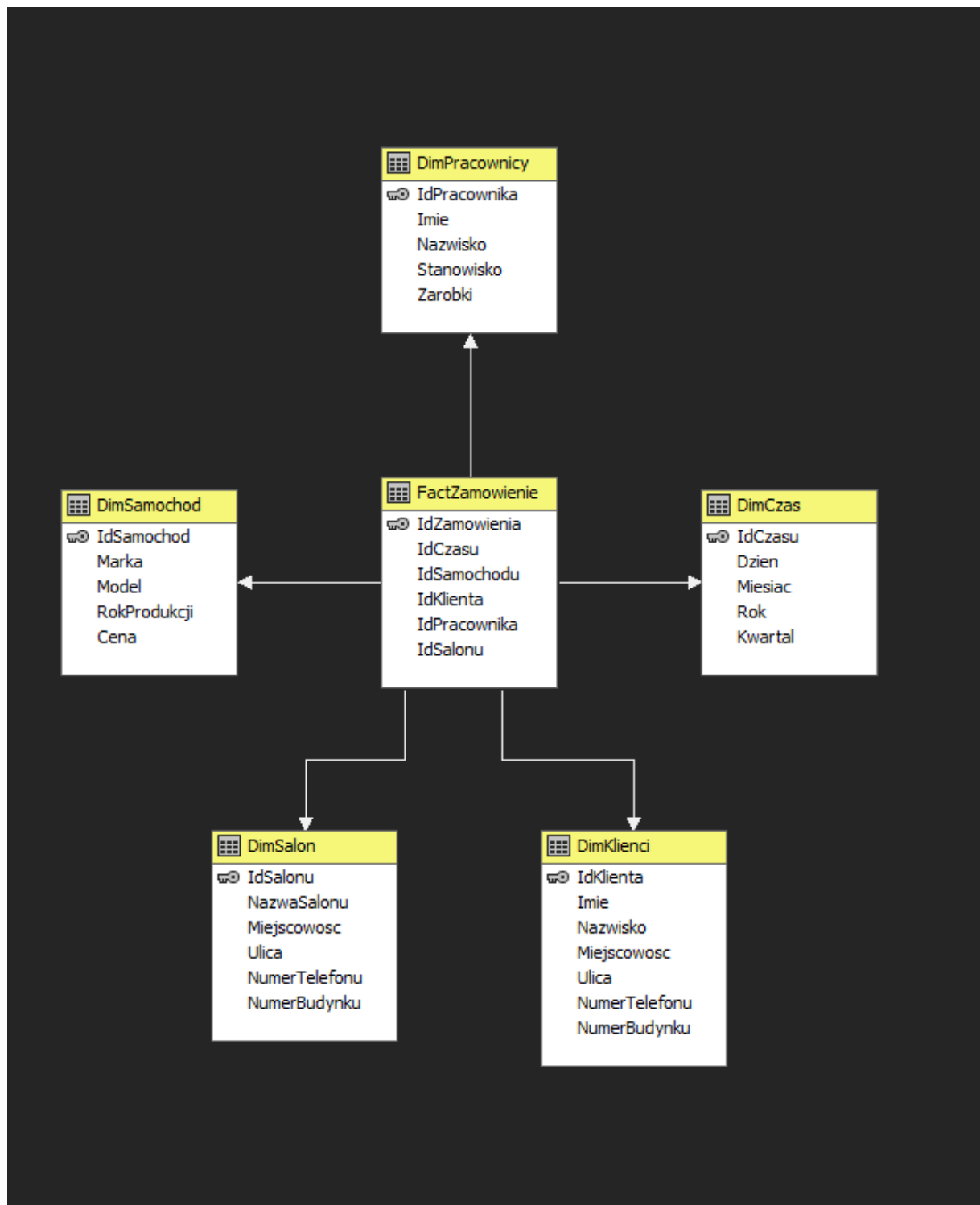
The image shows the 'Cube Wizard' dialog box, specifically the 'Select Creation Method' step. The title bar reads 'Cube Wizard'. The main heading is 'Select Creation Method' with a subtitle: 'Cubes can be created by using existing tables, creating an empty cube, or generating tables in the data source.' There is a cube icon in the top right corner. The question 'How would you like to create the cube?' is followed by three radio button options: 'Use existing tables' (selected), 'Create an empty cube', and 'Generate tables in the data source'. Below these is a 'Template:' dropdown menu currently set to '(None)'. A 'Description:' text box contains the text 'Create a cube based on one or more tables in a data source.' At the bottom are four buttons: '< Back', 'Next >' (highlighted with a blue border), 'Finish >>', and 'Cancel'.

Wybieramy tabele:

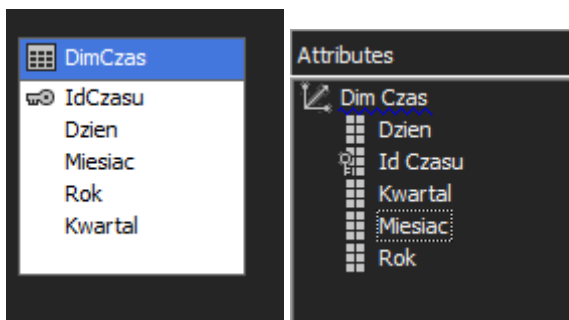


The image shows the 'Cube Wizard' dialog box, specifically the 'Select Measure Group Tables' step. The title bar reads 'Cube Wizard'. The main heading is 'Select Measure Group Tables' with a subtitle: 'Select a data source view or diagram and then select the tables that will be used for measure groups.' There is a cube icon in the top right corner. The 'Data source view:' dropdown menu is set to 'Iwbn2024 Salon Samochodowy DSV'. To the right of the list is a 'Suggest' button. The 'Measure group tables:' section contains a list of tables, each with a checked checkbox and a small table icon: 'FactZamowienie', 'DimCzas', 'DimPracownicy', 'DimSalon', 'DimKlienci', and 'DimSamochod'. At the bottom are four buttons: '< Back', 'Next >' (highlighted with a blue border), 'Finish >>', and 'Cancel'.

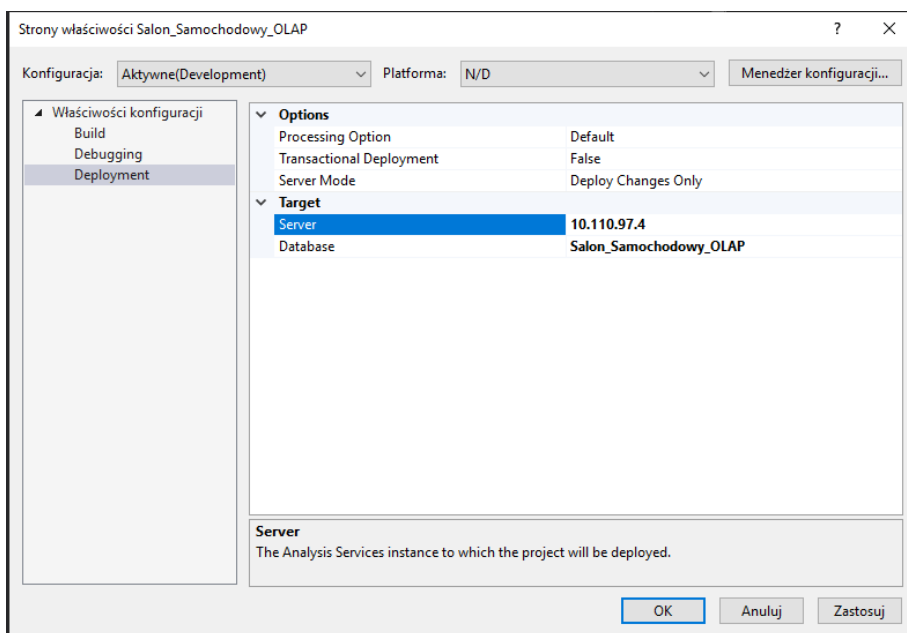
Po uruchomieniu tak prezentuje się widok:



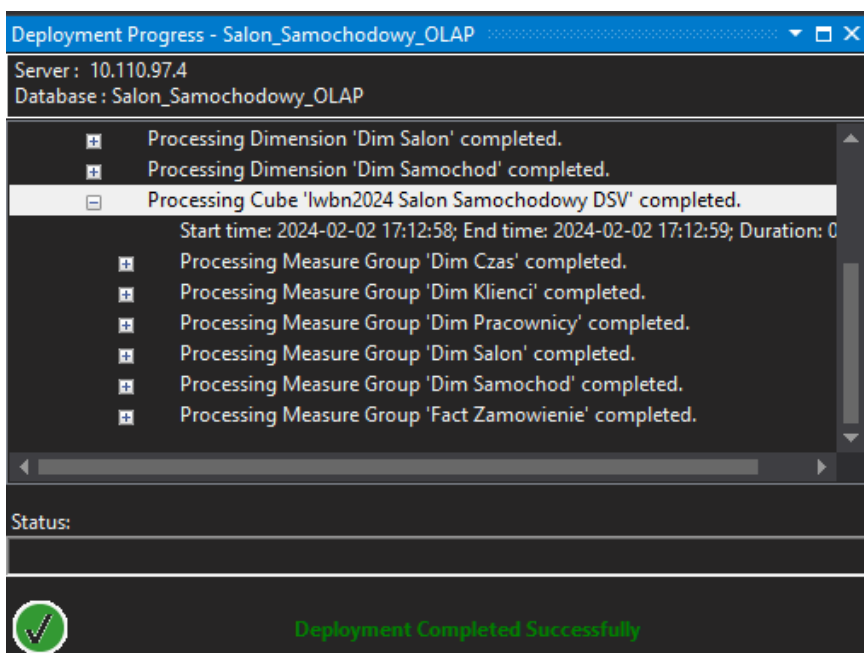
Modyfikujemy wymiary przeciągając tabele do okienka Attributes:



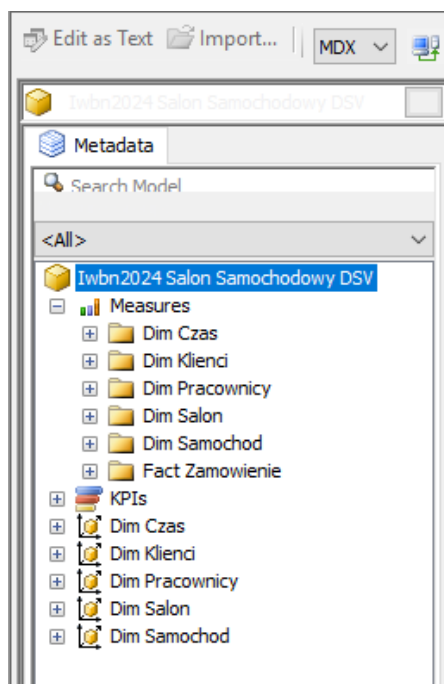
Przygotowujemy się do wdrożenia kostki, klikamy na naszą nazwę projektu, następnie właściwości i w zakładce deployment wpisujemy adres serwera:



Następnie zatwierdzamy, klikamy prawym na nasz projekt i klikamy „wdróż”



Następnie klikamy w kartę browser. Po lewej stronie mamy wszystkie nasze tabele.



Wyniki w karcie Browser:

