Instalacja środowiska MS SQL Server w maszynie wirtualnej w systemie Windows 10 PRO (22H2)

Oprogramowanie wykorzystywane na laboratorium:

- MS SQL Server (np. 2019 DEV)
 - Analysis Services
 - Integration Services
 - Reporting Services
- SQL Server Management Tools
- SQL Server Data Tools + Visual Studio
- Instalacja bazy danych AdventureWorks
- Instalacja Power BI
- Instalacja MS Office (Excel)

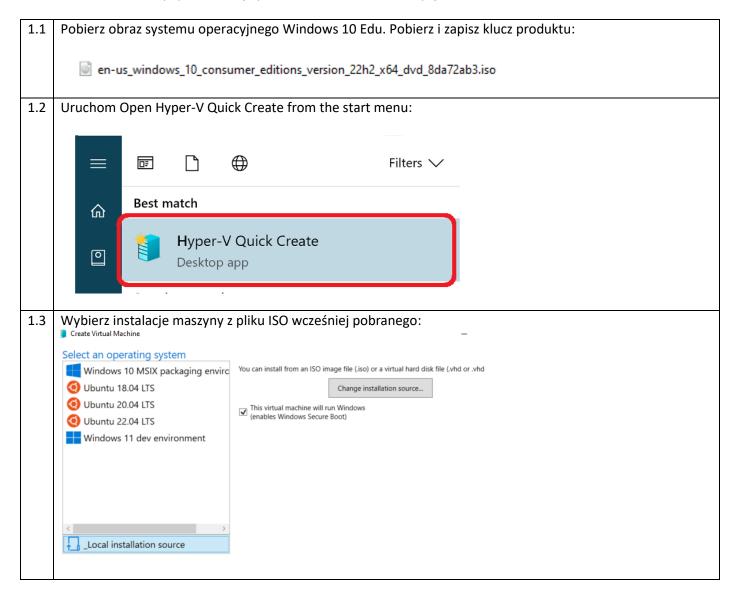
Oprogramowanie jest dostępne na stronie:

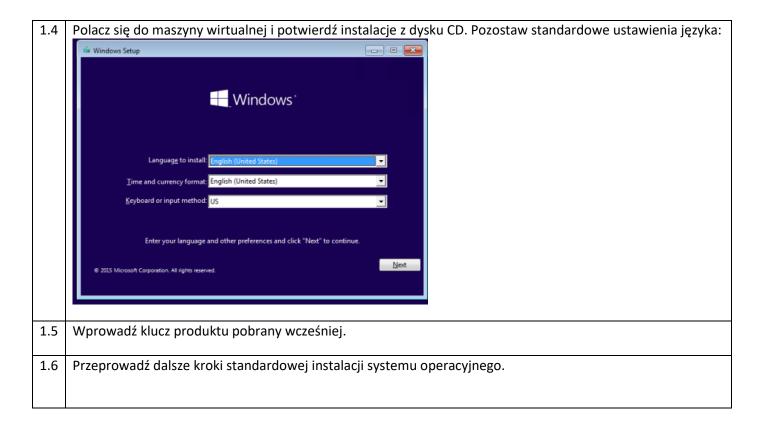
https://azureforeducation.microsoft.com/devtools

Należy się zarejestrować przy wykorzystaniu adresu poczty z domeny "pwr.edu.pl".

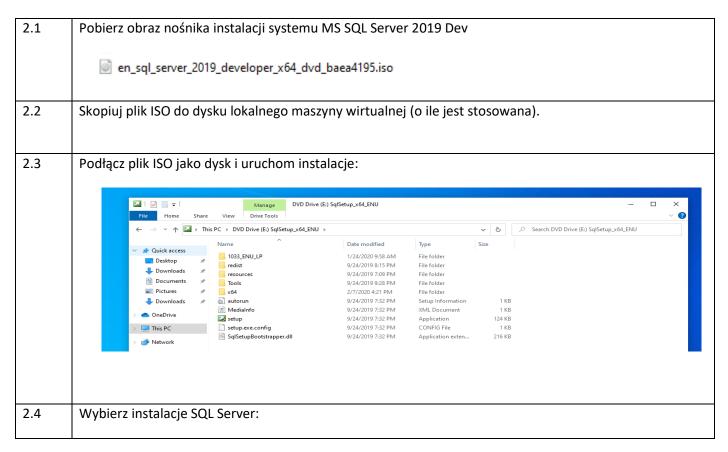
Instalacja oprogramowania w środowisku maszyny wirtualnej Hyper-V w systemie Windows 10 Pro:

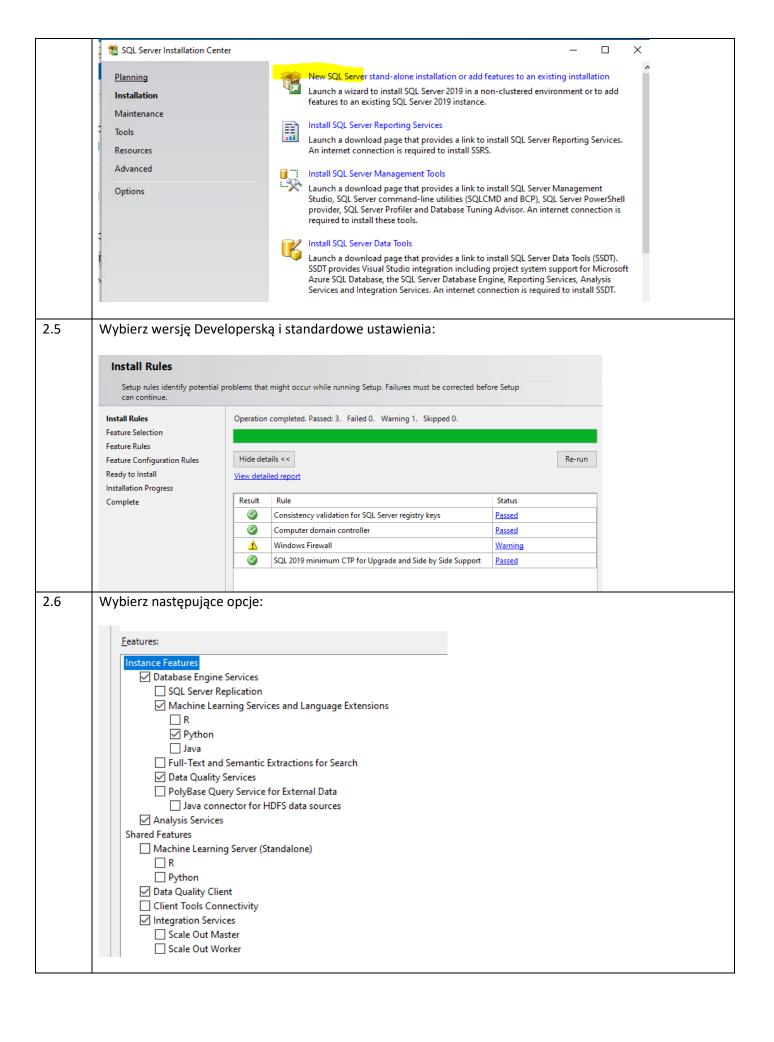
1. Uruchomienie maszyny wirtualnej systemu Windows 10 Edu (Opcjonalne)

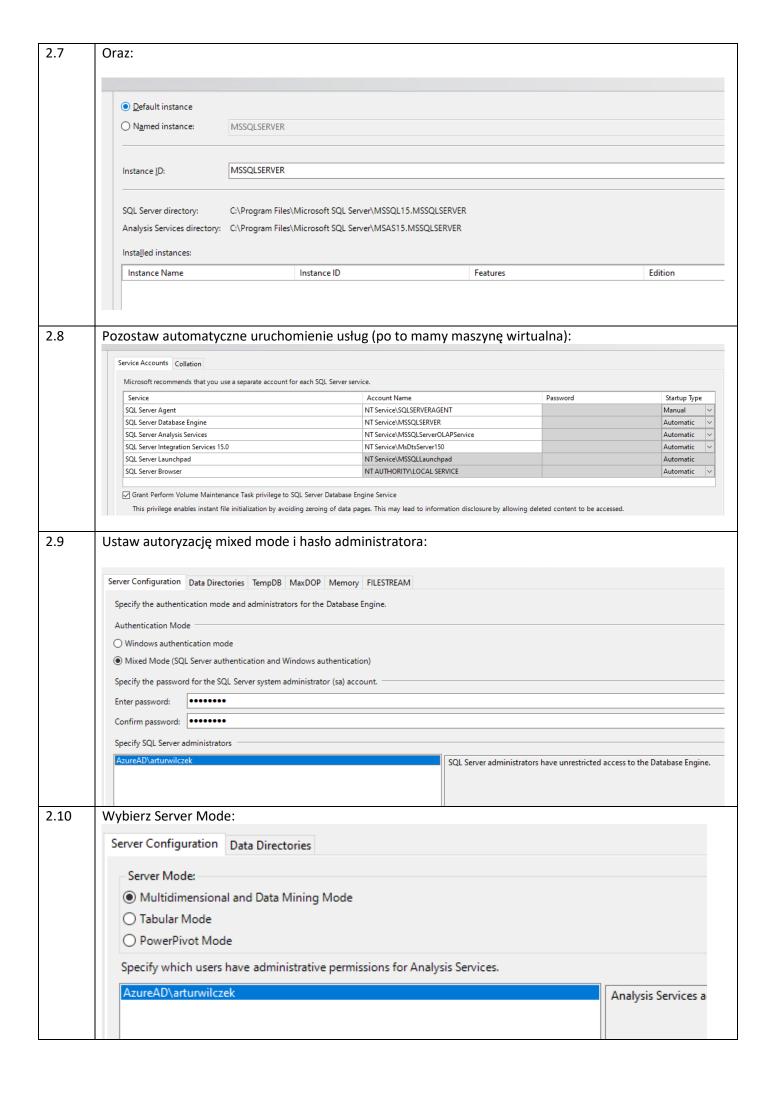


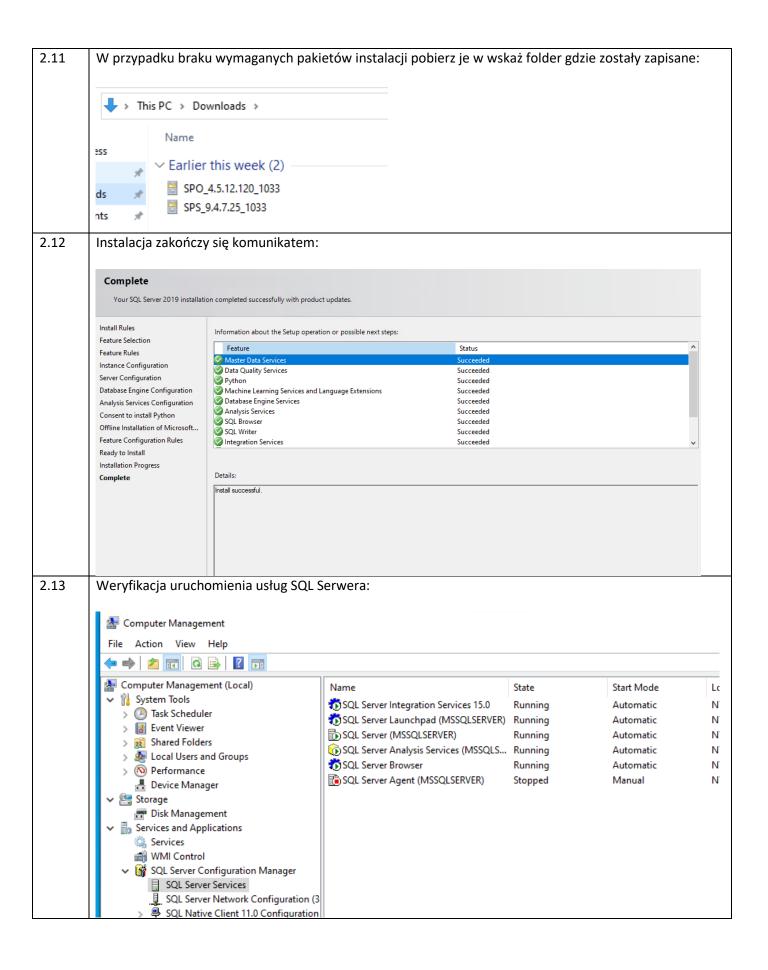


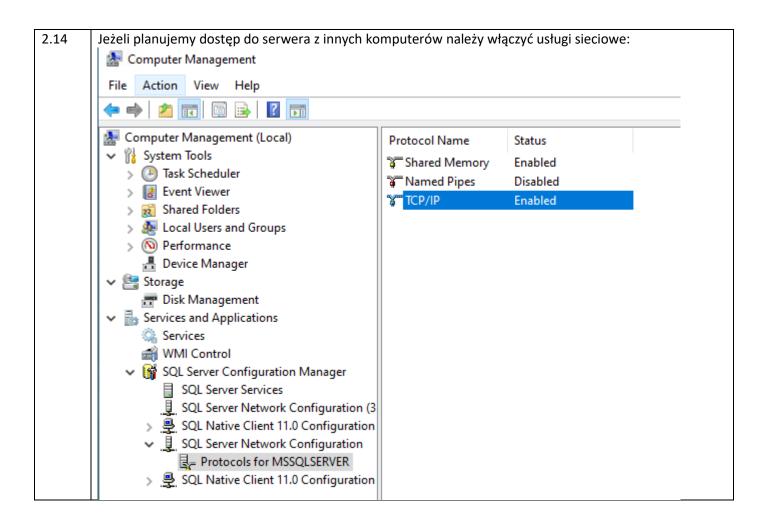
2. Instalacja MS SQL Server 2019 Dev



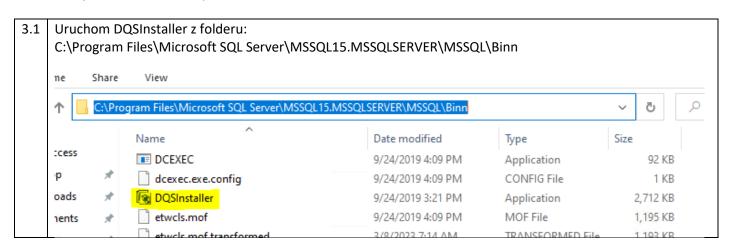


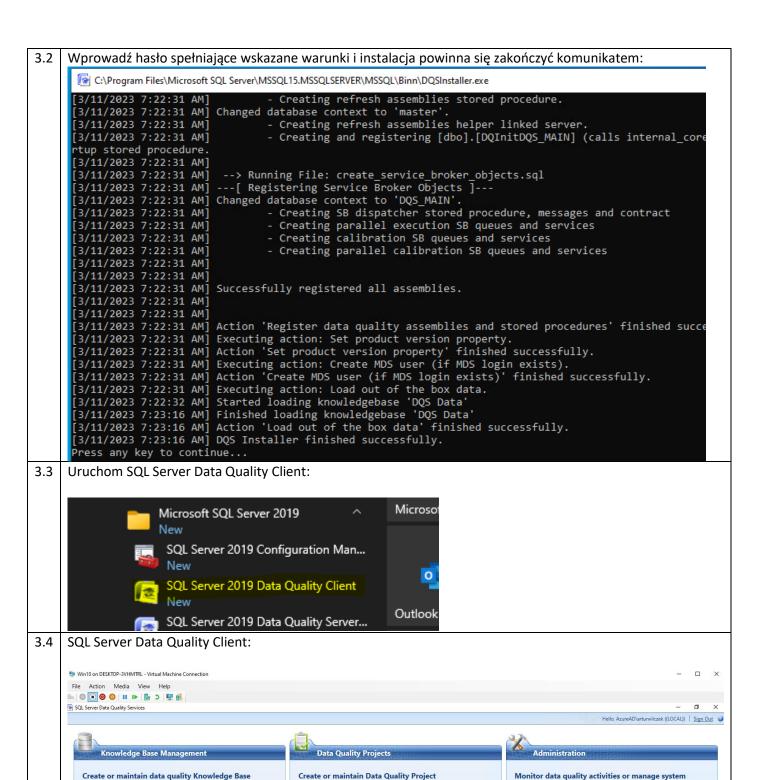






3. Instalacja SQL Server Quality Services





New Data Quality Project

Recent Data Quality Project

Open Data Quality Project

New Knowledge Base

Open Knowledge Base

Recent Knowledge Base

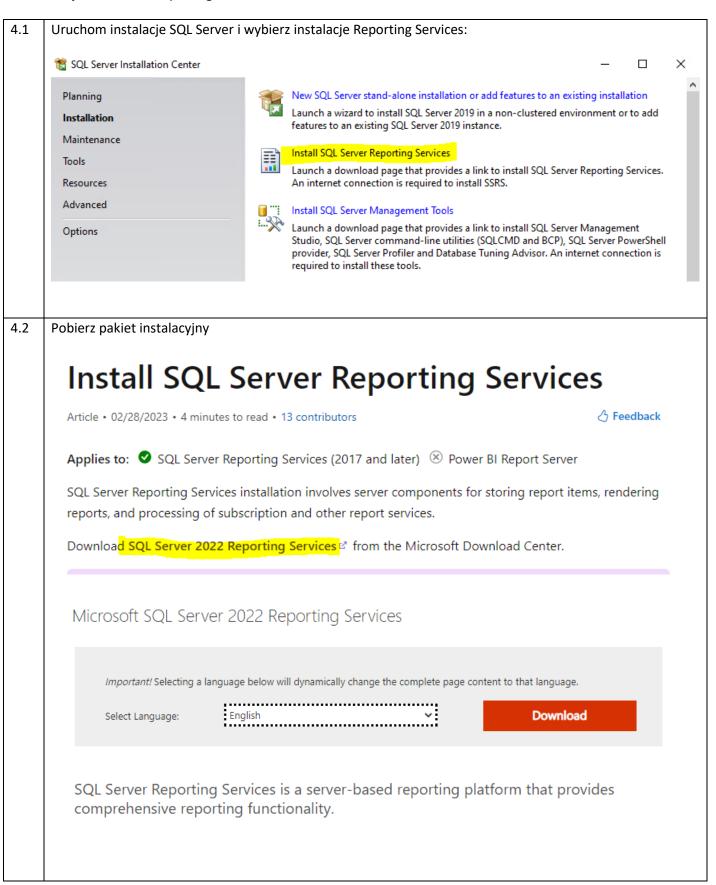
settings

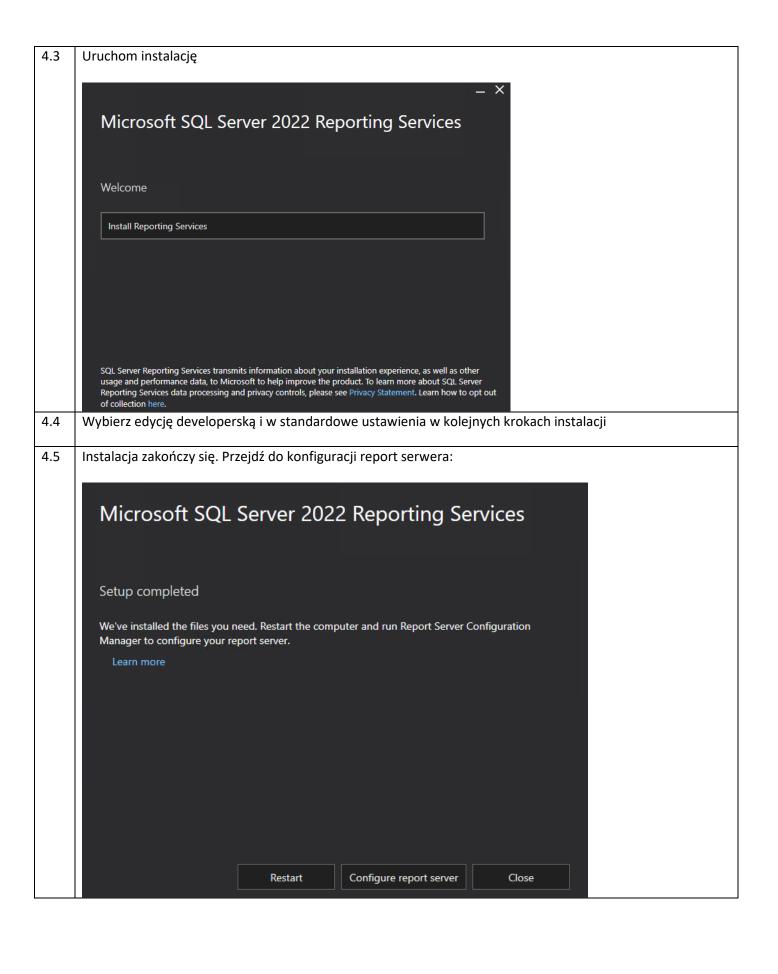
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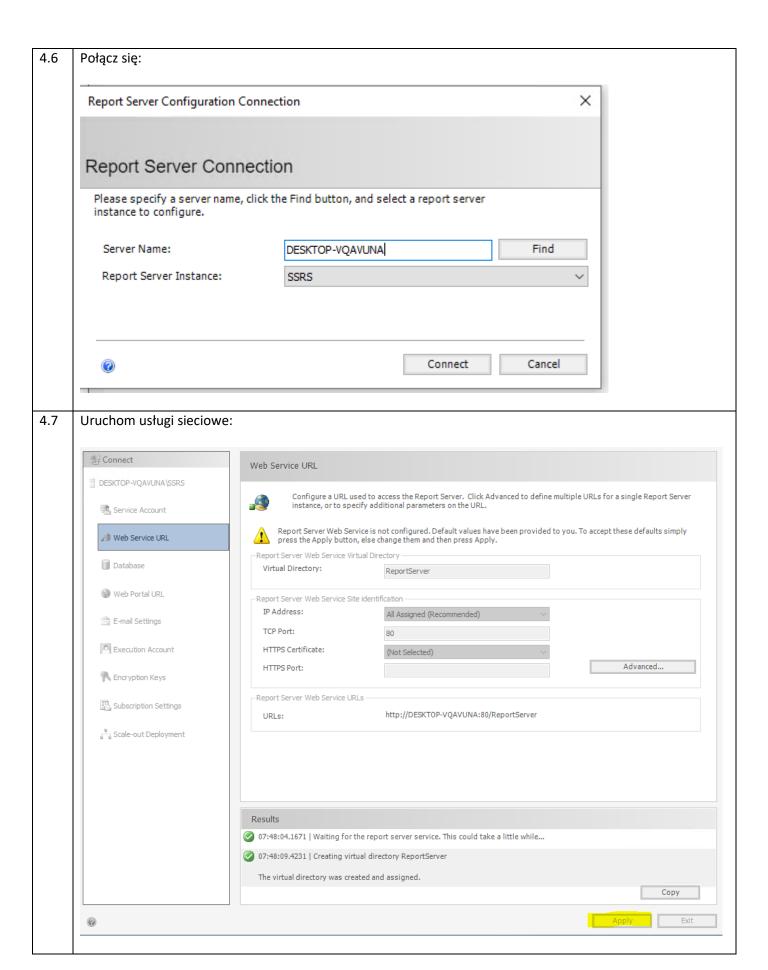
Activity monitoring

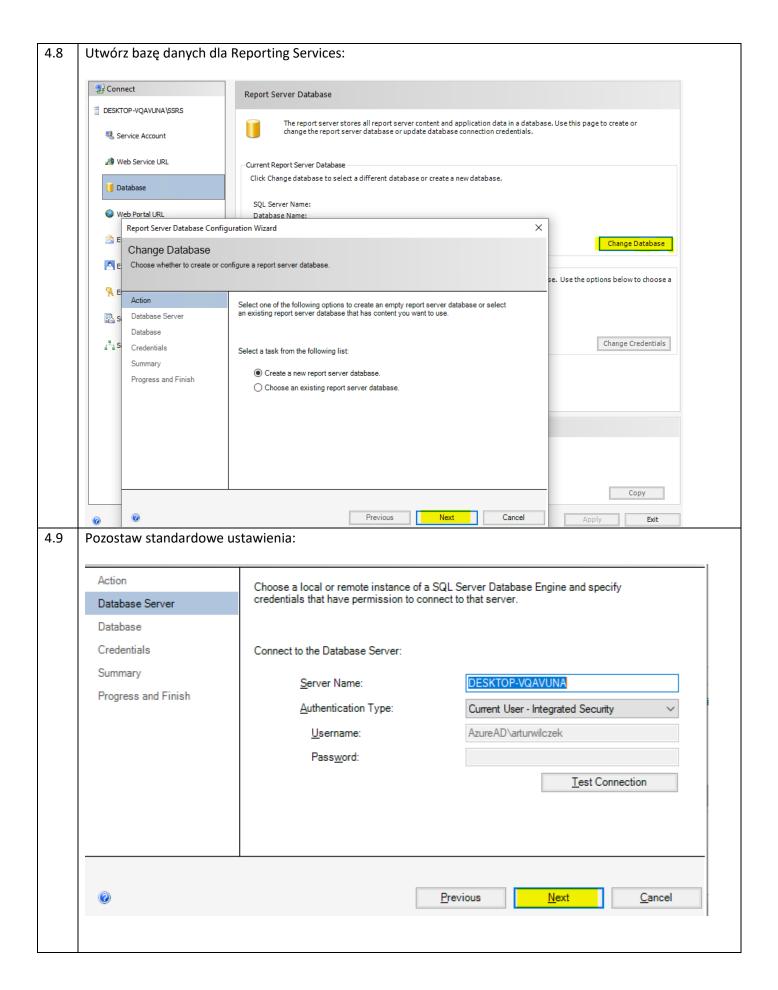
Configuration

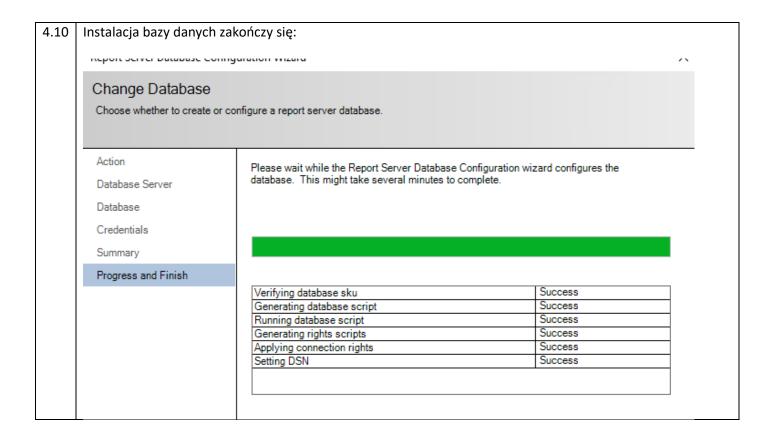
4. Instalacja SQL Server Reporting Services



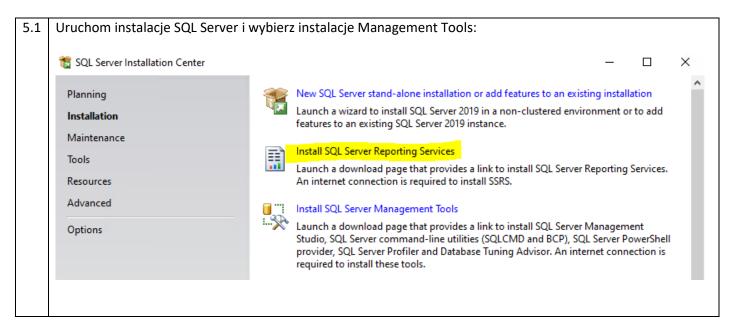








5. Instalacja SQL Server Management Tools



Pobierz pakiet instalacyjny

Download SQL Server Management Studio (SSMS)

Article • 03/03/2023 • 6 minutes to read • 47 contributors

△ Feedback

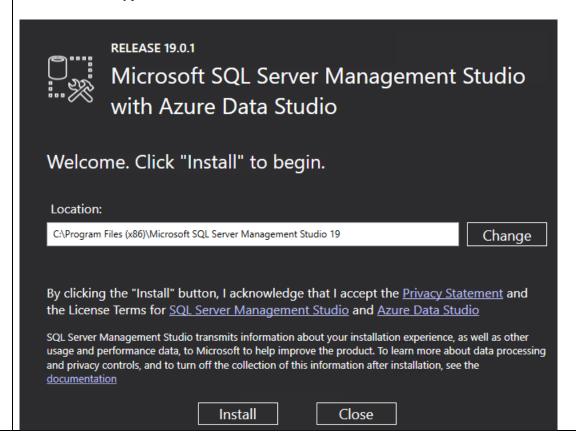
Applies to: SQL Server SQL Database SQL Managed Instance SQL Managed In

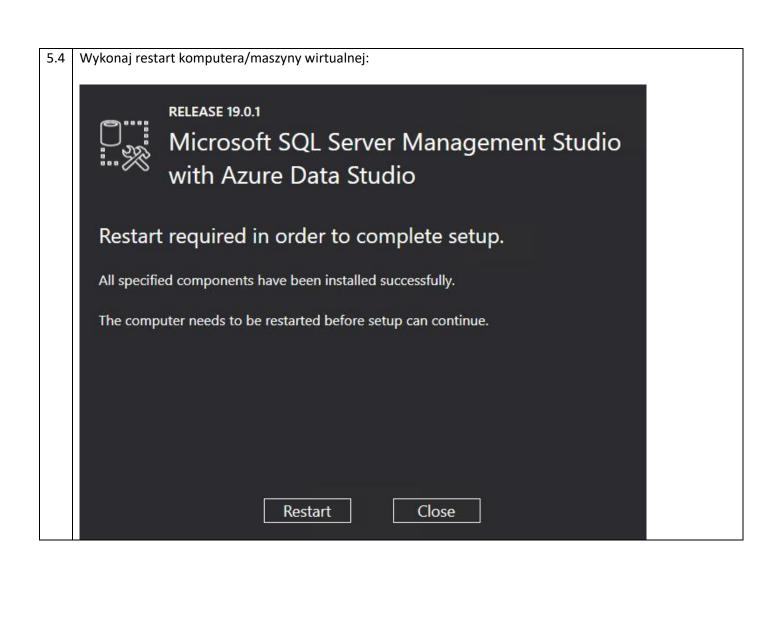
SQL Server Management Studio (SSMS) is an integrated environment for managing any SQL infrastructure, from SQL Server to Azure SQL Database. SSMS provides tools to configure, monitor, and administer instances of SQL Server and databases. Use SSMS to deploy, monitor, and upgrade the data-tier components used by your applications and build queries and scripts.

Use SSMS to query, design, and manage your databases and data warehouses, wherever they are - on your local computer or in the cloud.

Download SSMS

Uruchom instalację:





6.1 SQL Server Data Tools są dostępne pod adresem:

https://docs.microsoft.com/en-us/sql/ssdt/download-sql-server-data-tools-ssdt

Download SQL Server Data Tools (SSDT) for **Visual Studio**

Article • 03/03/2023 • 3 minutes to read • 47 contributors

A Feedback

Applies to:

✓ SQL Server ✓ Azure SQL Database ✓ Azure Synapse Analytics

SQL Server Data Tools (SSDT) is a modern development tool for building SQL Server relational databases, databases in Azure SQL, Analysis Services (AS) data models, Integration Services (IS) packages, and Reporting Services (RS) reports. With SSDT, you can design and deploy any SQL Server content type with the same ease as you would develop an application in Visual Studio.

SSDT for Visual Studio 2022

Changes in SSDT for Visual Studio 2022

The core SSDT functionality to create database projects has remained integral to Visual Studio.

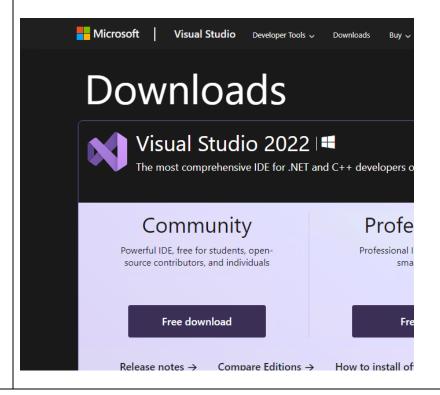
① Note

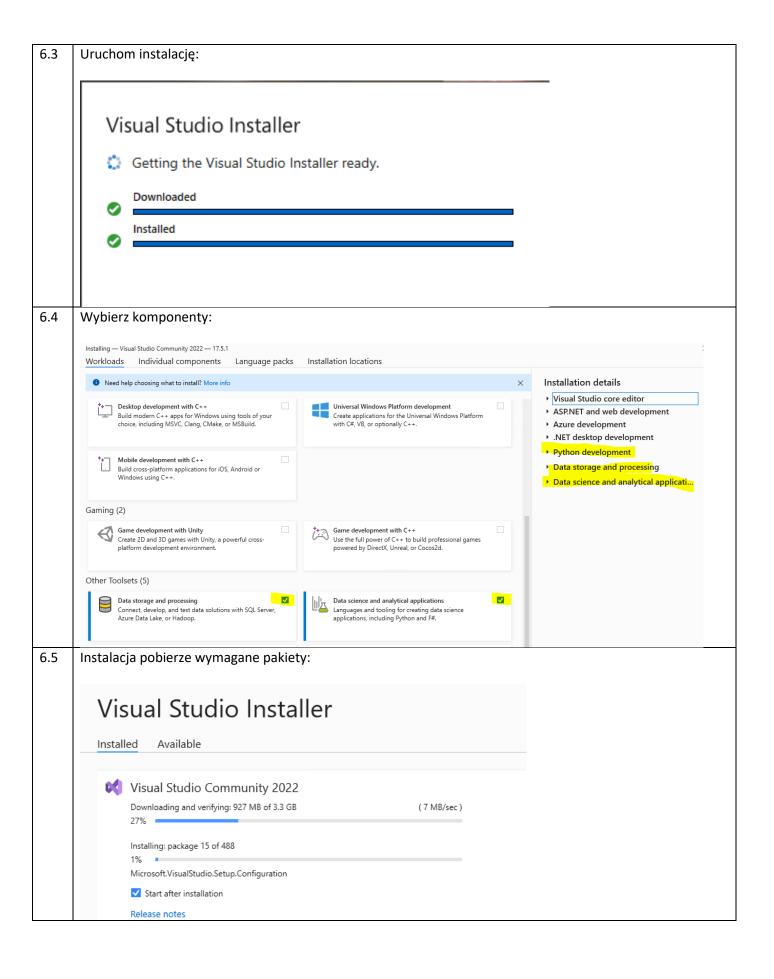
There's no SSDT standalone installer for Visual Studio 2022.

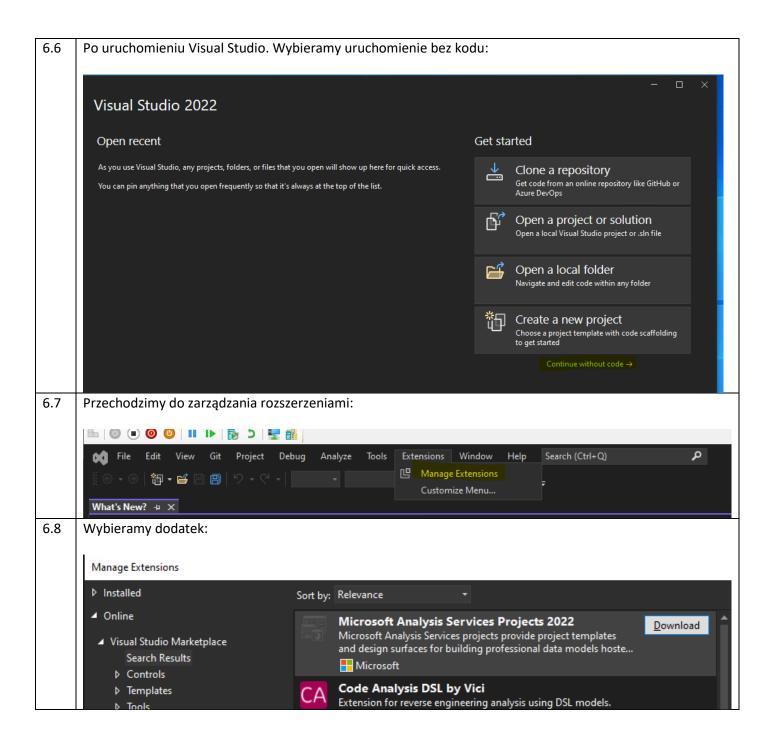
Install SSDT with Visual Studio 2022

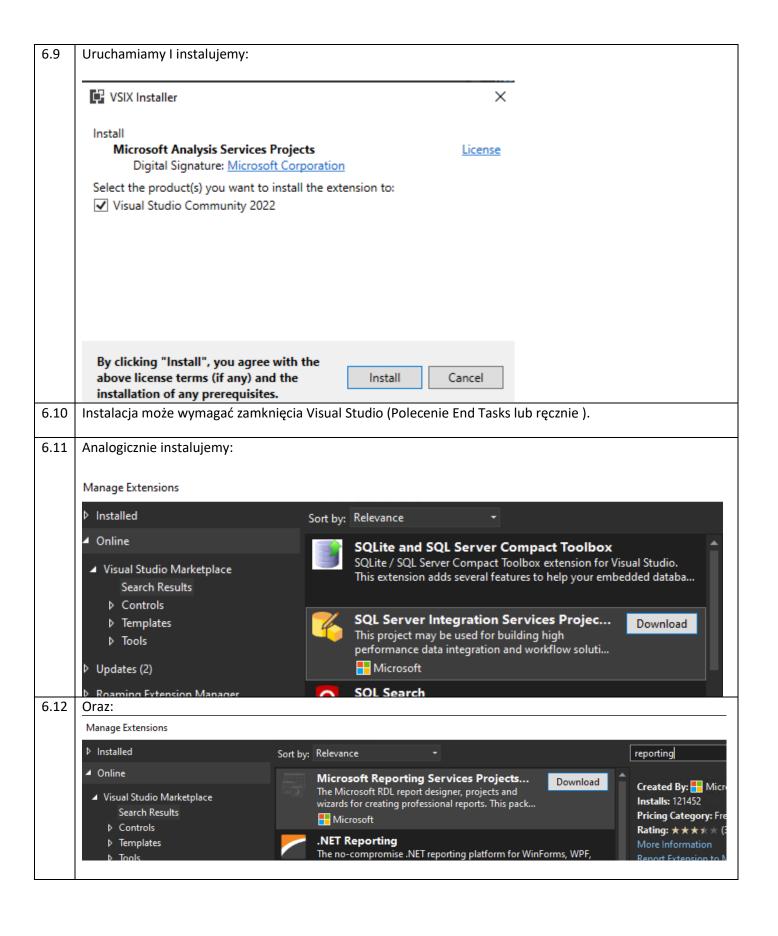
If Visual Studio 2022 is already installed, you can edit the list of workloads to include SSDT. If you don't have Visual Studio 2022 installed, then you can download and install Visual Studio 2022 ☑.

6.2 Pobierz Visual Studio









7. Instalacja bazy danych AdventureWorks

- 7.1 Informacje dotyczące bazy danych AdventureWorks:
 - a) Przykładowe bazy danych

https://learn.microsoft.com/pl-pl/previous-versions/sql/sql-server-2008/ms124501(v=sql.100)

b) Scenariusze biznesowe:

https://learn.microsoft.com/pl-pl/previous-versions/sql/sql-server-2008/ms124825(v=sql.100)

c) Schemat:

https://learn.microsoft.com/pl-pl/previous-versions/sql/sql-server-2008/ms124894(v=sql.100)?redirectedfrom=MSDN

d) Słownik danych:

https://learn.microsoft.com/en-us/previous-versions/sql/sql-server-2008/ms124438(v=sql.100)?redirectedfrom=MSDN

7.2 Pobierz backup bazy danych:

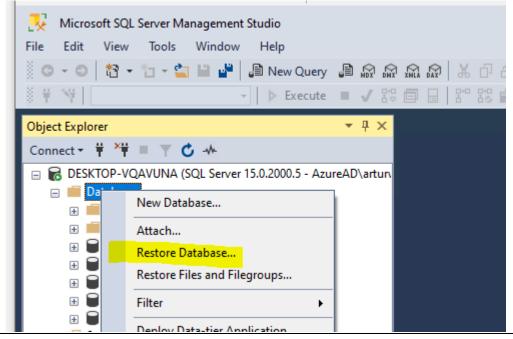
https://learn.microsoft.com/en-us/sql/samples/adventureworks-install-configure?view=sql-serverver16&tabs=ssms

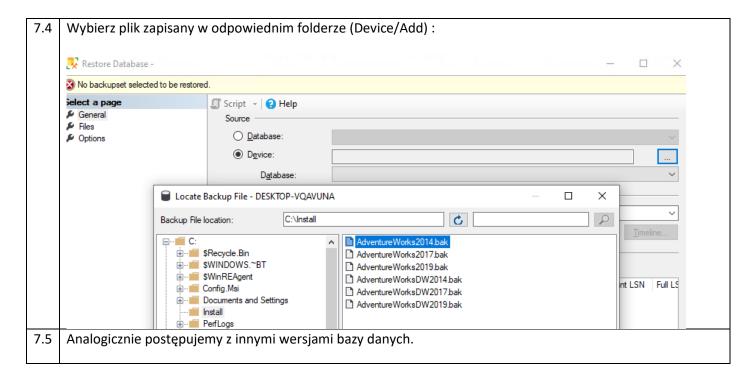
Sugerowana wersja to 2014, ale można pobrać także inne wersje dla celów porównawczych.

n you to not out o must you need, out that the open telefon and mustalise your old better telefon.

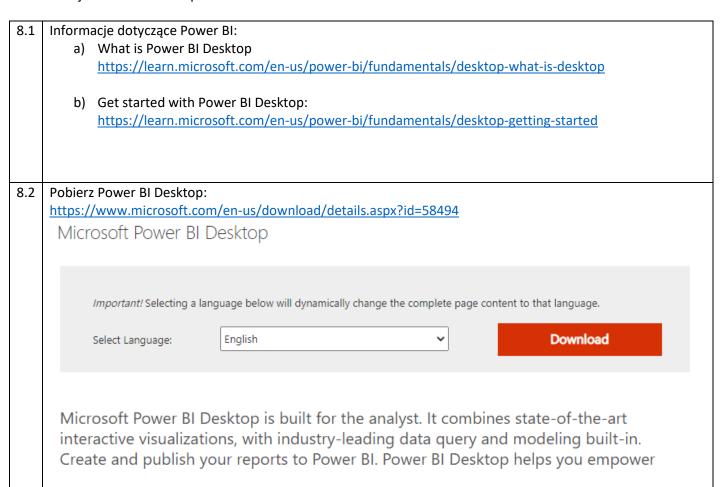
OLTP	Data Warehouse	Lightweight
AdventureWork <mark>s2019.</mark> bak ₪	AdventureWorksD <mark>W2019.b</mark> ak [™]	AdventureWorksLT2019.bak ₽
AdventureWork <mark>s2017.b</mark> ak மீ	AdventureWorksDV <mark>V2017.</mark> bak ♂	AdventureWorksLT2017.bak ₪
AdventureWorks2016.bak ₽	AdventureWorksDW2016.bak ☑	AdventureWorksLT2016.bak ௴
AdventureWorks2016_EXT.bak ☑	AdventureWorksDW2016_EXT.bak ♂	N/A
AdventureWorks <mark>2014.b</mark> ak ₽	AdventureWorksDW <mark>2014.b</mark> ak ₪	AdventureWorksLT2014.bak ₺

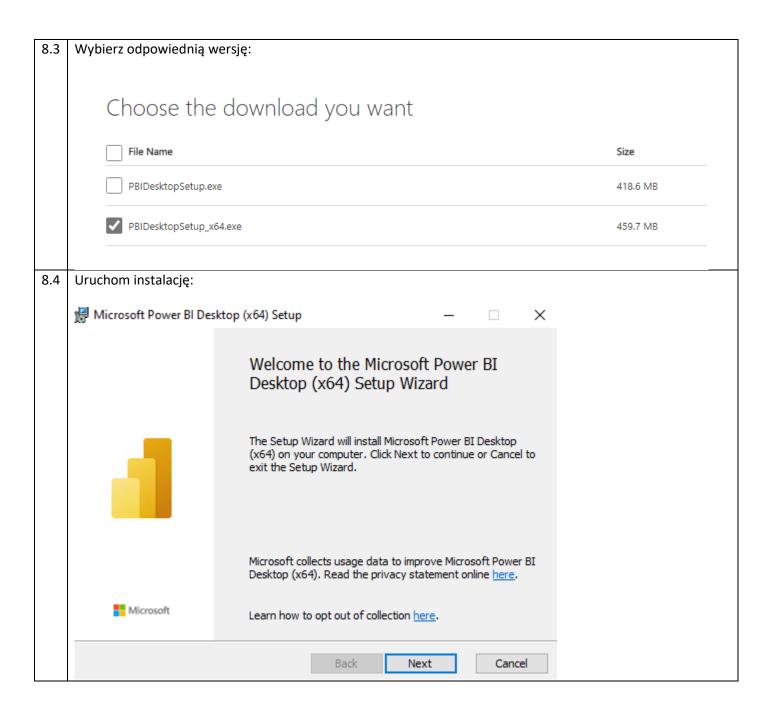
7.3 | Import bazy danych z backupu w Management Studio:





8. Instalacja Power BI Desktop





9. Instalacja MS Office

