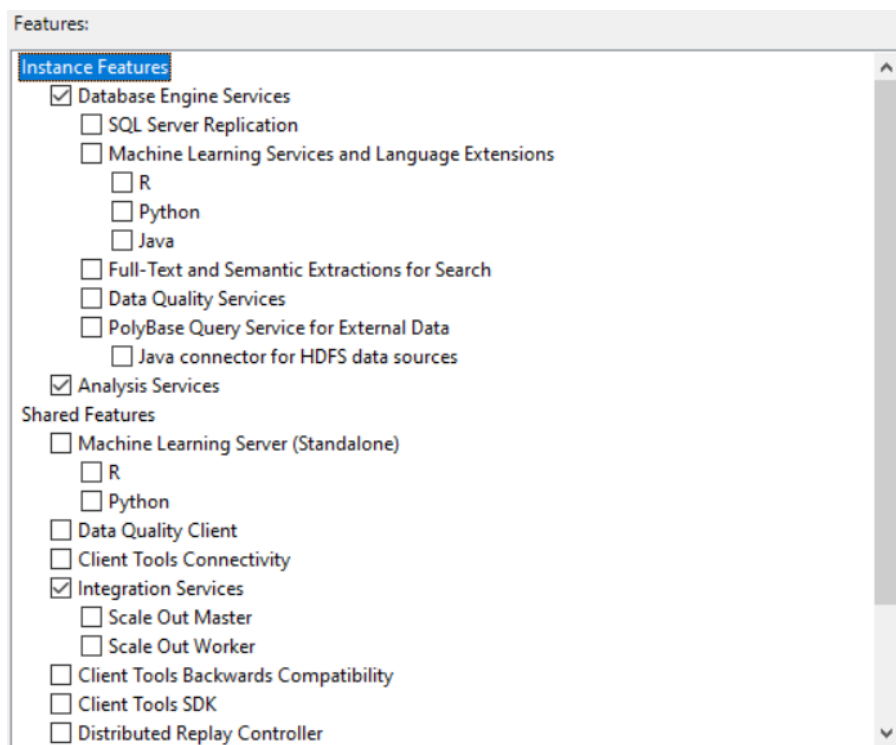


## Installing MS SQL Server 2019

1. Download from Azure Dev Tools for Teaching<sup>1</sup>  
(<https://azureforeducation.microsoft.com/devtools>):
  - SQL Server Developer 2019
  - Visual Studio Enterprise 2019 (remember to acquire product key)
2. Log in using account with administrator privileges
3. Install Visual Studio:
  - Choose “Programming classic .NET applications”<sup>2</sup> workload
  - Choose any colour motif
  - Use product key to activate VS
4. Run SQL Server Installation Center (setup.exe from installation disk image):
  - From Installation Pane chose „New SQL Server stand-alone installation...”
    - Use Developer edition
    - Choose at least the following features:
      - Database Engine Services
      - Analysis Services
      - Integration Services



<sup>1</sup> If this instruction does not give explicit information about what option to choose, assume choosing default option/not changing any option to be the correct approach

<sup>2</sup> Exact name may differ – name translated from Polish

- Assuming you have no other SQL Server instances on your computer, use default (unnamed) instance

**SQL Server 2019 Setup**

**Instance Configuration**

Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.

Global Rules  
Product Updates  
Install Setup Files  
Install Rules  
Product Key  
License Terms  
Feature Selection  
Feature Rules  
**Instance Configuration**  
Server Configuration  
Database Engine Configuration  
Analysis Services Configuration  
Feature Configuration Rules  
Ready to Install  
Installation Progress  
Complete

☒ **Default instance**

☐ **Named instance:**

Instance ID:

SQL Server directory: C:\Program Files\Microsoft SQL Server\MSSQL15.MSSQLSERVER

Analysis Services directory: C:\Program Files\Microsoft SQL Server\MSAS15.MSSQLSERVER

Installed instances:

Instance Name	Instance ID	Features	Edition	Version

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- For authentication mode use „Windows authentication mode”
- „Add current user” to SQL Server Administrators (you may add other users)
- In Analysis Services Configuration Pane choose:
  - Server mode: „Multidimensional and Data Mining Mode”
  - Administrators for Analysis Services – „Add current user” (you may also add other users)
- Click Install
- After successful install come back to SQL Server Installation Center and from Installation Pane choose “Install SQL Server Management Tools”
  - Download installer from the web page you’ve got redirected to
  - Run the installer
- After successful install start Visual Studio 2019 (start without code) and open Visual Studio Marketplace (Extensions->Manage Extensions and then Online->Visual Studio Marketplace)
  - Select Tools-> Modelling category from the Marketplace

- Install Microsoft Analysis Services Projects
  - Download SQL Server Integration Services Projects
  - Close Visual Studio, Analysis Services Projects package will install
  - Install SQL Server Integration Services Projects from downloaded installer
- Assuming all installations were successful, you now have a ready software environment for the Data Warehouses class.