

جلسه دوم

دانشگاه فنی و حرفهای دانشکده فنی دکتر شریعتی

آزمایشگاه پایگاه داده ها

# نصب نرم افزار SQL Server 2014



#### Install SQL Server 2014 step by step

Name	Date modified	Туре	Size	
🐌 1033_ENU_LP	5/19/2014 10:14 PM	File folder		
🌗 boxstub_sql	5/19/2014 10:15 PM	0:15 PM File folder		
PCUSOURCE	5/19/2014	File felder		
🕕 redist	5/19/2014 : 🐮 SQL S	Server Installation Center		
🐌 resources	5/19/2014 : Plann	ing		Hardware and Software Requirements
🌗 StreamInsight	5/19/2014 : Install	ation		View the hardware and software requirements.
🕕 Tools	5/19/2014 : Maint	enance	E	Security Documentation
퉬 хб4	5/19/2014 Tools			View the security documentation.
autorun	2/11/2012 Resou	irces		Online Release Notes
👜 MediaInfo	5/16/2014 Advar	nced		View the latest information about the release.
💹 setup	5/16/2014 Optio	ns	-	How to Get SOL Server Data Tools
🗟 setup.exe	2/11/2012			SQL Server Data Tools provides an integrated environment for database developers to
🚳 sqmapi.dll	5/16/2014			carry out all their database design work for any SQL Server platform.
			ő	System Configuration Checker
			U	Launch a tool to check for conditions that prevent a successful SQL Server installation.
		Install Upgrade Advisor		Install Upgrade Advisor
				Upgrade Advisor analyzes any SQL Server 2012, SQL Server 2008 R2, SQL Server 2008 or SQL Server 2005 components that are installed and identifies issues to fix either before or after you upgrade to SQL Server 2014.
				Online Installation Help
				Launch the online installation documentation.
			E	How to Get Started with SQL Server 2014 Failover Clustering
				Read instructions on how to get started with SQL Server 2014 failover clustering.
				How to Get Started with a PowerPivot for SharePoint Standalone Server Installation
	Mic	rocoft SOL Sonver 201	4	Read instructions on how to install PowerPivot for SharePoint in the fewest possible
	IVIIC	IOSOIL SQL SEIVEI 201	4	steps on a new SharePoint 2010 server.
	Mic	rosoft SQL Server 201	4	How to Get Started with SQL Server 2014 Failover Clustering Read instructions on how to get started with SQL Server 2014 failover clustering. How to Get Started with a PowerPivot for SharePoint Standalone Server Installation Read instructions on how to install PowerPivot for SharePoint in the fewest possible steps on a new SharePoint 2010 server.

# Click Installation and then enter the product key...

📸 SQL Server Installation Center				
Planning Installation Maintenance Tools Resources Advanced	New SQL Server         Launch a wizz       features to an         Image: Server server       New SQL Server         Launch a wizz       Launch a wizz         Image: Server server server       Add node to Launch a wizz         Image: Server	ver stand-alone installation or a ard to install SQL Server 2014 in the existing SQL Server 2014 instal ver failover cluster installation ard to install a single-node SQL a SQL Server failover cluster ard to add a node to an existing	add features to an existing installation a non-clustered environment or to add nce. . Server 2014 failover cluster. g SQL Server 2014 failover cluster.	
Microsoft SQL Server 2014	Upgrade from Launch a wizi Server 2012 to	Product Key Specify the edition of SQL Ser Product Key License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Setup Files Install Rules Setup Role Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete	ver 2014 to install. Validate this instance of SQL Server 2014 by entering the certificate of authenticity or product packaging. You can as Evaluation or Express. Evaluation has the largest set of Server Books Online, and is activated with a 180-day exp another, run the Edition Upgrade Wizard. Specify a free edition: Evaluation Evaluation Enter the product key: 27HMJ-GH7P9-X2TTB-WPHQC-RG79R	25-character key from the Microsoft also specify a free edition of SQL Server, such 'SQL Server features, as documented in SQL iration. To upgrade from one edition to
				< <u>B</u> ack <u>N</u> ext > Cancel

## Click I accept the license terms...

📸 SQL Server 2014 Setup	
License Terms To install SQL Server 2	014, you must accept the Microsoft Software License Terms.
Product Key	
License Terms	
Global Rules	MICROSOFT SQL SERVER 2014 EVALUATION
Product Updates	These license terms are an agreement between Microsoft Corporation (or based on where you
Install Setup Files	live, one of its affiliates) and you. Please read them. They apply to the evaluation software
Install Rules	named above, which includes the media on which you received it, if any. The terms also apply to
Setup Role	
Feature Selection	updates,
Feature Rules	• supplements
Feature Configuration Rules	
Ready to Install	<u>C</u> opy <u>P</u> rint
Installation Progress	I accept the license terms.
Complete	Eurn on Customer Experience Improvement Program ("CEIP") and Error Reporting to help improve the quality, reliability and performance of Microsoft SQL Server 2014.     See the Microsoft SQL Server 2014 Privacy Statement for more information.     * Microsoft SQL Server 2014 also includes a Visual Studio component that will have CEIP settings turned     off by default. If Visual Studio is installed, this component will use the CEIP settings for Visual Studio.
	< <u>B</u> ack <u>N</u> ext > Cancel

## Uncheck Use Microsoft Update...

📸 SQL Server 2014 Setup	
Microsoft Update Use Microsoft Update to check	for important updates
Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Installation Type Product Key License Terms Setup Role Feature Selection Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete	Microsoft Update offers security and other important updates for Windows and other Microsoft software, including SQL Server 2014. Updates are delivered using Automatic Updates, or you can visit the Microsoft Update website. Jee Microsoft Update to check for updates (recommended) Microsoft Update FAQ Microsoft Update Privacy Statement
	< <u>B</u> ack <u>N</u> ext > Cancel

## Click Next...

📸 SQL Server 2014 Setup	
Product Updates	
Always install the latest update	is to enhance your SQL Server security and performance.
Global Rules Microsoft Update <b>Product Updates</b> Install Setup Files Install Rules Installation Type Product Key License Terms Setup Role Feature Selection Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete	<ul> <li>SQL Server Setup could not search for updates through the Windows Update service. You can either check again or click Next to continue. To troubleshoot issues with your Windows Update service, view the link below, ensure you have Internet or network access, and ensure your Windows Update service can find updates interactively through the Windows Update control panel.</li> <li>Error 0x8024402C: Exception from HRESULT: 0x8024402C</li> <li>Check again</li> </ul>
	Read our privacy statement online
	Learn more about SQL Server product updates
	< <u>B</u> ack <u>N</u> ext > Cancel

#### Wait ...

髋 SQL Server 2014 Setup			
Install Setup Files			
If an update for SQL Server Set	up is found and specified to be includ	led, the update will be installed.	
Global Rules Microsoft Update Product Updates			
Install Setup Files	l ask Install Setun files	Status	
Install Rules Installation Type Product Key License Terms Setup Role Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete			
		< <u>B</u> ack <u>N</u> ext >	Cancel

#### Cilck Next...

📸 SQL Server 2014 Setup		- • •
Install Rules		
Setup rules identify potential p can continue.	oblems that might occur while running Setup. Failures must be corrected before Setup	
Global Rules Microsoft Update Install Setup Files <b>Install Rules</b> Installation Type	Operation completed. Passed: 6 Failed 0. Warning 1. Skipped 0. Hide detail <u>s</u> << <u>View detailed report</u>	<u>R</u> e-run
License Terms Setup Role Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete	RuleStatusImage: Fusion Active Template Library (ATL)PassedImage: Previous releases of SQL Server 2008 Business Intelligence DevelPassedImage: Consistency validation for SQL Server registry keysPassedImage: Computer domain controllerPassedImage: Amage: A	
	< <u>B</u> ack <u>N</u> ext > Cance	el Help

## Select SQL Server Feature Installation...

SQL Server 2014 Setup Setup Role Click the SQL Server For feature role to install a	eature Installation option to individually select which feature components to install, or click a
Product Key License Terms	SQL Server Feature Installation     Install SQL Server Detabase Engine Services Analysis Services Reporting Services Interaction Services
Global Rules	and other features.
Product Updates	SQL Server PowerPivot for SharePoint
Install Setup Files Install Rules	Install PowerPivot for SharePoint on a new or existing SharePoint server to support PowerPivot data access in the farm. Optionally, add the SQL Server relational database engine to use as the new farm's
Setup Role Feature Selection	Add SQL Server Database <u>R</u> elational Engine Services to this installation.
Feature Rules	All Features With <u>D</u> efaults
Feature Configuration Rules	Install all features using default values for the service accounts.
Ready to Install	
Installation Progress	
Complete	
	< <u>B</u> ack <u>N</u> ext > Cancel Help

#### Select features

1 SQL Server 2014 Setup	A REAL PROPERTY AND	
Feature Selection		
Select the Evaluation feature	is to install.	
Product Key License Terms Global Rules Product Updates Install Setup Files Install Rules Setup Role <b>Feature Selection</b> Feature Rules Instance Configuration Server Configuration Database Engine Configuration Analysis Services Configuration Distributed Replay Controller Distributed Replay Client Reporting Services Configuration Distributed Replay Controller Distributed Replay Controller Distributed Replay Controller Distributed Replay Controller Distributed Replay Client Feature Configuration Rules Ready to Install Installation Progress Complete	Features:         Instance Features         Instance Features         Image: SQL Server Replication         Image: SQL Services         Image: Services         Image: Services - SharePoint         Image: Reporting Services - SharePoint         Image: Reporting Services - SharePoint         Image: Services Add-in for SharePoint Proc         Image: Data Quality Client         Image: Client Tools Connectivity         Image: Integration Services         Image: Client Tools SDK         Image: Documentation Components         Image: Management Tools - Complete         Image: Image: Distributed Replay Controller         Image: Image: Distributed Replay Client         Image: SQL Client Connectivity SDK         Image: Ima	Feature description:         The configuration and operation of each instance feature of a SQL Server instances. SQL Server instances can operate side-by-side on the same computer.         Prerequisites for selected features:         Already installed:         Windows PowerShell 2.0         Microsoft Visual Studio 2010 Redistributable         Microsoft Visual Studio 2010 Shell         Image: Cosoft SQL Server         Drive C: 5416 MB required, 53415 MB available         Drive D: 612 MB required, 111β13 MB available         Virian SQL Server         Image: Cosoft SQL Server
	< <u>B</u> ack	<u>N</u> ext > Cancel Help

#### Select Default Instance...

1 SQL Server 2014 Setup					- • ×
Instance Configuration Specify the name and instance	ID for the instance of SQL Serve	er. Instance ID be	ecomes part of the ins	tallation path.	
Product Key License Terms Global Rules	<ul> <li>Default instance</li> <li>Named instance:</li> </ul>	MSSQLSERVER	0		
Microsoft Update Install Setup Files Install Rules	Instance ID:	MSSQLSERVER			
Setup Role Feature Selection Feature Rules Instance Configuration	SQL Server directory: Analysis Services directory: Reporting Services directory:	C:\Program File C:\Program File C:\Program File	es\Microsoft SQL Serv es\Microsoft SQL Serv es\Microsoft SQL Serv	er\MSSQL12.MSSQLSERVER er\MSAS12.MSSQLSERVER er\MSRS12.MSSQLSERVER	
Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration	Installed instances: Instance Name Inst	tance ID	Features	Edition	Version
Feature Configuration Rules Ready to Install Installation Progress Complete					
			< <u>B</u> ack	Next > Cancel	Help "#

#### Change Startup Type to Automatic or Manual

SQL Server 2014 Setup			1		
Specify the service accounts	and collation configuration.				
Product Key	Service Accounts Collation				
License Terms Global Rules	Microsoft recommends that you use a se	parate account for each SQL Server servi	ce.		
Product Updates	Service	Account Name	Password	Startup Type	
Install Setup Files	SQL Server Agent	NT Service\SQLAgent\$SQL2014		Manual	-
Install Rules	SQL Server Database Engine	NT Service\MSSQL\$SQL2014		Automatic	-
Setup Role	SQL Server Analysis Services	NT Service\MSOLAP\$SQL2014		Automatic	-
Feature Selection	SQL Server Reporting Services	NT Service\ReportServer\$SQL2014		Automatic	-
Feature Rules	SQL Server Integration Services 12.0	NT Service\MsDtsServer120		Automatic	-
Instance Configuration	SQL Server Distributed Replay Client	NT Service\SQL Server Distributed Re		Manual	-
Server Configuration	SQL Server Distributed Replay Controller	NT Service\SQL Server Distributed Re		Manual	-
Database Engine Configuration	SQL Full-text Filter Daemon Launcher	NT Service\MSSQLFDLauncher\$SQL		Manual	
Analysis Services Configuration	SQL Server Browser	NT AUTHORITY\LOCALSERVICE		Automatic	-
Reporting Services Configuration					
Distributed Replay Controller					
Distributed Replay Client					
Feature Configuration Rules					
Ready to Install					
Installation Progress					
< <u>B</u> ack <u>N</u> ext > Cancel Help					

## Change Collation to Persian\_100

📸 SQL Server 2014 Setup	
Server Configuration	n
Specify the service account	s and collation configuration.
openny the service decount	
Product Key	Service Accounts Collation
License Terms	
Global Rules	Database Engine:
Product Updates	SQL_Latin1_General_CP1_CI_AS Customize
Install Setup Files	Latin1-General, case-insensitive, accent-sensitive, kanatype-insensitive, width-
Install Rules	insensitive for Unicode Data, SQL Server Sort Order 52 on Code Page 1252 for
Setup Role	non-Unicode Data
Feature Selection	Analysis Services:
Feature Rules	
Instance Configuration	
Server Configuration	Latin1-General, case-insensitive, accent-sensitive, kanatype-insensitive, width-
Database Engine Configuration	
Analysis Services Configuration	Warning: The Database Engine and Analysis Services collations are not the same.
Reporting Services Configuration	
Distributed Replay Controller	
Distributed Replay Client	
Feature Configuration Rules	
Ready to Install	
Installation Progress	
	< <u>B</u> ack <u>N</u> ext > Cancel Help

SQL Server 2014 Setup Server Configuration Specify the service accounts	<b>)</b> and collation	on configuration.		
Product Key License Terms Global Rules Product Updates Install Setup Files Install Rules	Service Act Database SQL_Lati Latin1- insensit	counts Collation = Engine: in1_General_CP1_CI_AS Cu	<u>Customize</u>	
Setup Role Feature Selection Feature Rules Instance Configuration <b>Server Configuration</b> Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Distributed Replay Controller Distributed Replay Client Feature Configuration Rules Ready to Install	non-Ur       Select the collation you would like to use:         Analysi <ul> <li>Windows collation designator and sort order</li> <li>Latin1-</li> <li>Latin1-</li> <li>Binary</li> <li>Binary</li> <li>Binary-code point</li> <li>Case-sensitive</li> <li>Accent-sensitive</li> <li>Supplementary characters</li> <li>SQL collation, used for backwards compatibility</li> </ul> <li>Non-Ur</li> <li>Select the collation you would like to use:</li> <li>Supplementary characters</li> <li>SQL collation, used for backwards compatibility</li> <li>Non-Ur</li>	~		
Installation Progress		SQL_Hungarian_CP1250_CL_AS SQL_Hungarian_CP1250_CS_AS SQL_Icelandic_Pref_CP1_CL_AS SQL_Latin1_General_CP1_CL_AI	5 5 5 1 2	~ ~

# Select Win Authentication and Click Add Current User

Specify Database Engine auther	guration ntication security mode, administrators and data directories.	
Product Key License Terms Slobal Rules Microsoft Update Install Setup Files Install Rules Setup Role Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration	Server Configuration       Data Directories       FILESTREAM         Specify the authentication mode and administrators for the D       Authentication Mode <ul> <li>Windows authentication mode</li> <li>Mixed Mode (SQL Server authentication and Windows auth</li> <li>Specify the password for the SQL Server system administrator</li> <li>Enter password:</li> <li>Confirm password:</li> <li>Specify SQL Server administrators</li> </ul>	Database Engine. hentication) r (sa) account.
Analysis Services Configuration Reporting Services Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Add Current liker	SQL Server administrators have unrestricted access to the Database Engine.

## Click Install Only, and then click Next

1 SQL Server 2014 Setup		
Reporting Services	Configuration	
Specify the Reporting Servi	ces configuration mode.	
Product Key	Reporting Services Native Mode	
License Terms	○ Install and <u>c</u> onfigure.	
Global Rules	Installs and configures the report server in native mode. The report server is operational after setup completes.	
Product Opdates	Install only	
Install Setup Files	Installs the report server files. After installation, use Reporting Services Configuration Manager	
Setup Role	to configure the report server for native mode.	
Feature Selection	Reporting Services SharePoint Integrated Mode	
Instance Configuration	Install only.	
Server Configuration	Installs the report server files. After installation use SharePoint Central Administration to	
Database Engine Configuration	complete the configuration. Verify the SQL Server Reporting Services service is started and create at least one SQL Server Reporting Services service application. For more information,	
Analysis Services Configuration	click Help.	
Reporting Services Configura		
Distributed Replay Controller		
Distributed Replay Client		
Feature Configuration Rules		
Ready to Install		
Installation Progress		
	< <u>B</u> ack <u>N</u> ext > Cancel Help	

## Click Install...

📸 SQL Server 2014 Setup	
Ready to Install Verify the SQL Server 2014	features to be installed.
Product Key	Ready to install SQL Server 2014:
License Terms Global Rules Product Updates Install Setup Files Install Rules Setup Role Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Distributed Replay Controller Distributed Replay Client Feature Configuration Rules	- Summary - Edition: Evaluation - Action: Install (Product Update) - Prerequisites - Already installed: - Windows PowerShell 2.0 - Microsoft .NET Framework 3.5 - Microsoft Visual Studio 2010 Redistributables - Microsoft Visual Studio 2010 Shell - Microsoft Visual Studio Tools for Applications 3.0 - Microsoft .NET Framework 4.0 - General Configuration - Features - Database Engine Services - SQL Server Replication - Full-Text and Semantic Extractions for Search - Data Quality Services - Analysis Services - Microsoft
Ready to Install Installation Progress	Configuration file path: C:\Program Files\Microsoft SQL Server\120\Setup Bootstrap\Log\20141122_214858\ConfigurationFile.ini
	< <u>B</u> ack Install Cancel Help

#### Installation Progress...



## SQL Server 2014 Installation Summary

髋 SQL Server 2014 Setup		
Complete		
Your SQL Server 2014 inst	allation completed successfully with product up	dates.
Product Key		
License Terms	Information about the Setup operation or poss	ible next steps:
Global Rules	Feature	Status 🔺
Product Updates	Management Tools - Complete	Succeeded
Install Setup Files	Client Tools Connectivity	Succeeded
	Client Tools SDK	Succeeded
Install Rules	Client Tools Backwards Compatibility	Succeeded
Setup Role	Database Engine Services	Succeeded
Feature Selection	Calladase coolog secures	Succeeded
Feature Rules		
Instance Configuration	Details:	
Server Configuration	Viewing Product Documentation for SC	) Server
Database Engine Configuration	The stand of the s	
Analysis Services Configuration	Only the components that you use to view	and manage the documentation for SQL Server have
Reporting Services Configuration	been installed. By default, the Help Viewer	component uses the online library. After installing
Distributed Penlay Controller	your local computer. For more information	see Use Microsoft Books Online for SOL Server
Distributed Replay Controller	( <http: ?linkid="2&lt;/td" fwlink="" go.microsoft.com=""><td><u>99578&gt;)</u>.</td></http:>	<u>99578&gt;)</u> .
Distributed Replay Client		
Feature Configuration Rules	Summary log file has been saved to the following	ng location:
Ready to Install	C:\Program Files\Microsoft SQL Server\120\Set	tup Bootstrap\Log\20141122_214858
Installation Progress	\Summary MyTechMantra 20141122 214858	.txt
		Close Help

- Analysis Services
- Configuration Tools
  - Configuration Manager
  - Error and Usage Report
  - Installation Center
  - Reporting Services
- Data Quality Services
- Documentaion & Community
  - Manage Help Setting ----help viewer
  - SQL Server Documentation
- Intergration Services
- Master Data Services
- Performance Tools
  - Tuning Advisor
  - Profiler

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