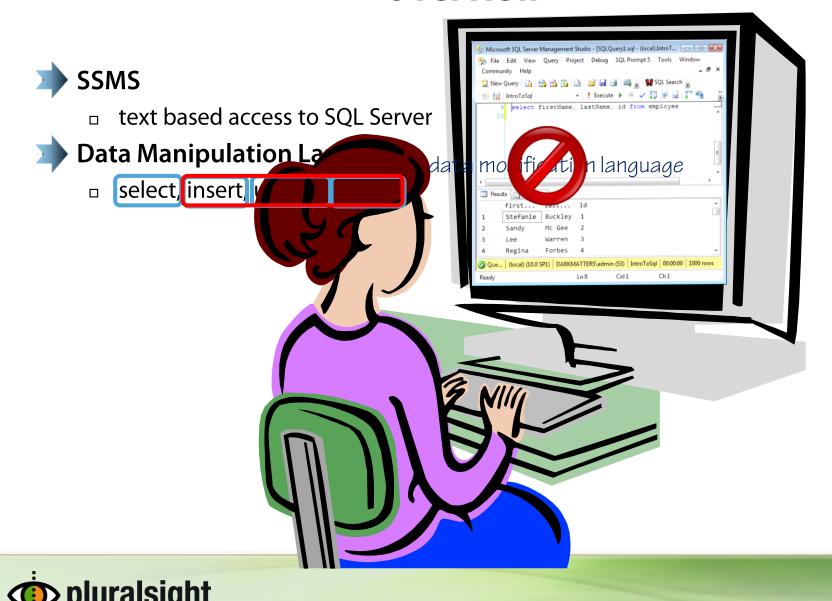
Manipulating Data with T-SQL

DML, not DHL





Overview

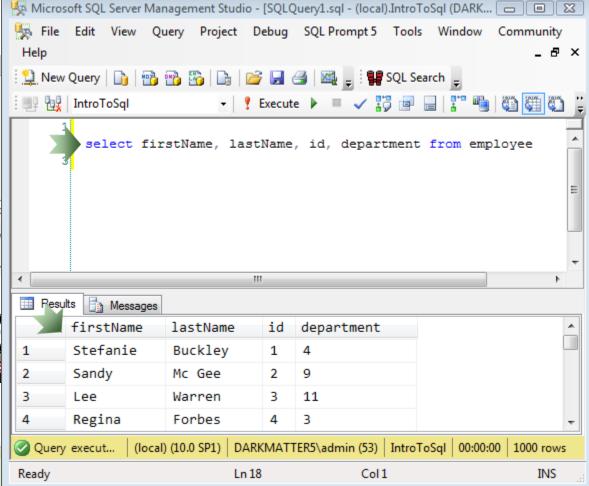


SSMS



SQL Server Management Studio

GUI for SQL Server Microsoft Silverlight 4 SUK Microsoft SOL Server 2005 Microsoft SQL Server 2008 🗓 Import and Export Data (32-bit) Import and Export Data (64-bit) SQL Server Business Intelligence Dev SQL Server Management Studio Analysis Services Location: Ssms (C:\Program Files (x86)\Microso Binn\VSShell\Common7\IDE) Integration Services Performance Tools Back rt Search





Select

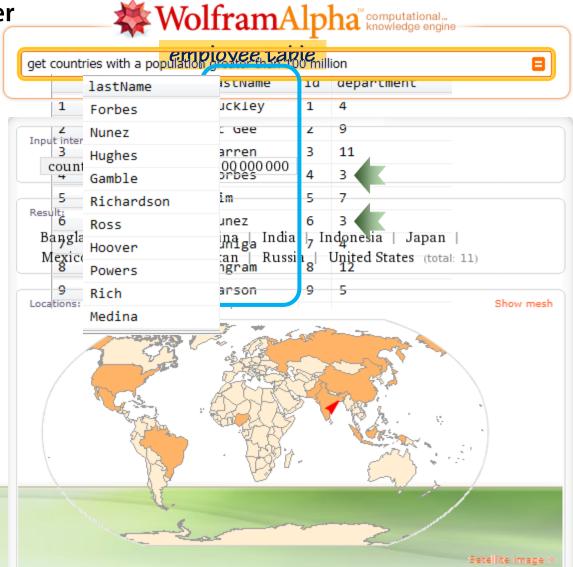
Gets data from SQL Server

declare not steps

Select
lastumme

fremptonelogyee

where appartment = 3





Insert



- □ table is a set of entities
- Missing data
- Default data

insert into people values (HebmantoAdkiAggiDark\$lade6Aby)

People Table

	first name	last name	favorite color
1	Sara	Abbott	WhiteSmoke
2	Lance	Acevedo	SeaShell
3	Tiffany	Acosta	Bisque
4	Ruby	Adams	PaleGreen





Update

Update is applied to set

Need to be able to find it to update it

primary key

update
where [farotitemeo] = 'Abbott'
replace this color everywhere



Delete

- Delete is applied to a set
- Need to be able to find entity to delete it
 - primary key

delete
where[faiositeame]er\$ara'gaad'[last name] = 'Abbott'

remove these entities primary key



JOIN



Combines two sets of data

used to answer questions that involve more than one table

first name	last name	favorite color	brand	model	color	vin	price
Herman	Adkins	DarkSlateGrey	Buick	sports	DarkSlateGrey	0I2LZ2JO2BDZGWYMX	717.6994
Herman	Adkins	DarkSlateGrey	Fairlane	muscle	DarkSlateGrey	190HH9S762WF0BS74	1493.5998
Herman	Adkins	DarkSlateGrey	Toyota	muscle	DarkSlateGrey	3V3QYZJP5Q21I6Q00	840.5828
Herman	Adkins	DarkSlateGrey	Hyundai	sports	DarkSlateGrey	46533U9FN3I2J1ROK	1396.2827
Herman	Adkins	DarkSlateGrey	Buick	station wagon	DarkSlateGrey	4B3XP48HX2XWWBI4I	939.9062
Herman	Adkins	DarkSlateGrey	Toyota	cabriolet	DarkSlateGrey	4U6QCQPJS4NT19K33	1358.936
Herman	Adkins	DarkSlateGrey	Hyundai	suv	DarkSlateGrey	SED6SK6DXQ100UPQA	1147.2572
H ran	Ad' 15	Dark ateG	7 ota	nusc ²	Da Slat rey	'R9LI 'COA1 SN	6.0
tie.	A'501.	dol	.ck	spor	Gu	885. 12Zi. +E9	ه.6.6
Kristie	Anderson	Gold	Hyundai	sedan	Gold	LYDXG3UVPXDV8HJG1	910.9316
Kristie	Anderson	Gold	Fairlane	sports	Gold	HREN5NZZXX8EANWSC	760.4061
Kristie	Anderson	Gold	Fairlane	station wagon	Gold	I2CZBPVSZS3P5YP73	1258.2411
Kristie	Anderson	Gold	Buick	suv	Gold	ICD6ZDON47K7FDIRN	1460.7933
Kristie	Anderson	Gold	Cheverolet	sports	Gold	J3BF9F6AN2KL1ES9U	1442.3852
Kristie	Anderson	Gold	Jagurar	cabriolet	Gold	FE08TLH1SWYG94G51	1045.2486
K stie	Ar rson	Gold	r ck	seda	Ge '	L8TL MI3K, KEO	^139. <i>c</i> ^19



Summary

- SSMS
- Select
- Insert
- Update
- Delete



References

http://www.wolframalpha.com

