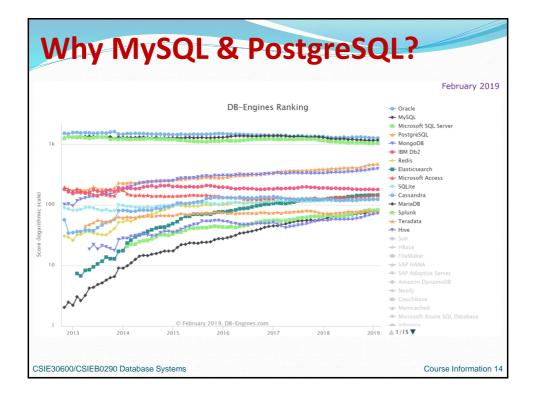
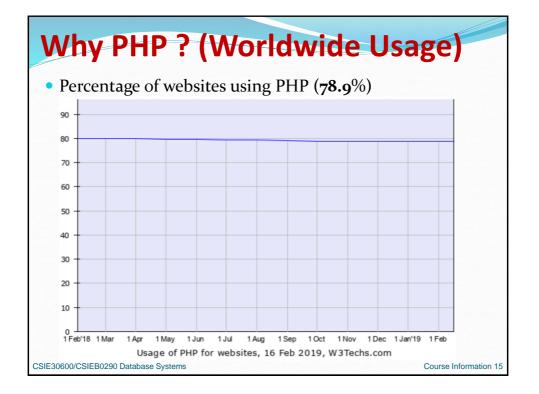
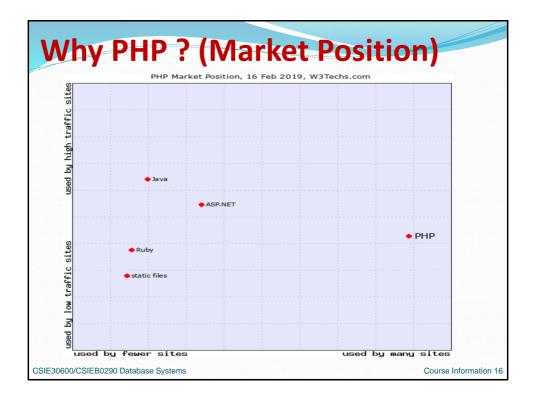


			-	PostgreSQL? 343 systems in ranking, February 2019			
Feb 2019	Rank Jan 2019	Feb 2018	DBMS	Database Model	S Feb 2019	core Jan 2019	Fel 2018
1.	1.	1.	Oracle 🗄	Relational, Multi-model 🚺	1264.02	-4.82	-39.2
2.	2.	2.	MySQL 🛨	Relational, Multi-model 🚺	1167.29	+13.02	-85.18
3.	3.	3.	Microsoft SQL Server 🗄	Relational, Multi-model 🚺	1040.05	-0.21	-81.9
4.	4.	4.	PostgreSQL 🗄	Relational, Multi-model 🚺	473.56	+7.45	+85.18
5.	5.	5.	MongoDB 🖶	Document	395.09	+7.91	+58.6
6.	6.	6.	IBM Db2 🖶	Relational, Multi-model 🚺	179.42	-0.43	-10.5
7.	7.	<b>1</b> 8.	Redis 🗄	Key-value, Multi-model 🚺	149.45	+0.43	+22.4
8.	8.	<b>个</b> 9.	Elasticsearch 🛨	Search engine, Multi-model 🚺	145.25	+1.81	+19.9
9.	9.	<b>4</b> 7.	Microsoft Access	Relational	144.02	+2.41	+13.95
10.	10.	<b>†</b> 11.	SQLite 🚹	Relational	126.17	-0.63	+8.89
11.	11.	<b>4</b> 10.	Cassandra 🛨	Wide column	123.37	+0.39	+0.59
12.	<b>↑</b> 13.	<b>†</b> 17.	MariaDB 🗄	Relational, Multi-model 🚺	83.42	+4.60	+21.77
13.	<b>4</b> 12.	13.	Splunk	Search engine	82.81	+1.39	+15.55
14.	14.	<b>4</b> 12.	Teradata 🖶	Relational	75.97	-0.22	+2.98
15.	15.	<b>†</b> 18.	Hive 🖶	Relational	72.29	+2.38	+17.23
16.	16.	<b>4</b> 14.	Solr	Search engine	60.96	-0.52	-2.9
17.	17.	<b>4</b> 16.	HBase 🖶	Wide column	60.28	-0.12	-1.4
18.	18.	<b>个</b> 19.	FileMaker	Relational	57.79	+0.64	+3.43
19.	19.	<b>个</b> 20.	SAP HANA 🗄	Relational, Multi-model 🚺	56.55	-0.09	+9.19
20.	<b>1</b> 21.	<b>J</b> 15.	SAP Adaptive Server	Relational	55.75	+0.71	-7.74







Vhich V	ersion of PHP?
Version 5	72.0%
Version 7	27.4%
Version 4	0.6%
Version 3	less than 0.1%
Percentage	W3Techs.com, 16 February 2019 s of websites using various versions of PHP
30600/CSIEB0290 Database	Systems Course Informa

Feb 2019	Feb 2018	Change	Programming Language	Ratings	Chang
1	1		Java	15.876%	+0.89%
2	2		С	12.424%	+0.57%
3	4	^	Python	7.574%	+2.41%
4	3	~	C++	7.444%	+1.72%
5	6	^	Visual Basic .NET	7.095%	+3.02%
6	8	^	JavaScript	2.848%	-0.32%
7	5	~	C#	2.846%	-1.61%
8	7	~	PHP	2.271%	-1.15%
9	11	^	SQL	1.900%	-0.46%
10	20	*	Objective-C	1.447%	+0.32%
11	15	*	Assembly language	1.377%	-0.46%
12	19	*	MATLAB	1.196%	-0.03%
13	17	*	Perl	1.102%	-0.66%
14	9	*	Delphi/Object Pascal	1.066%	-1.52%
15	13	~	R	1.043%	-1.04%
16	10	*	Ruby	1.037%	-1.50%
17	12	*	Visual Basic	0.991%	-1.19%
18	18		Go	0.960%	-0.46%
19	49	*	Groovy	0.936%	+0.75%
20	16	*	Swift	0.918%	-0.88%

