

Eugene Borts

Applied Database 2

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Assignment 10B

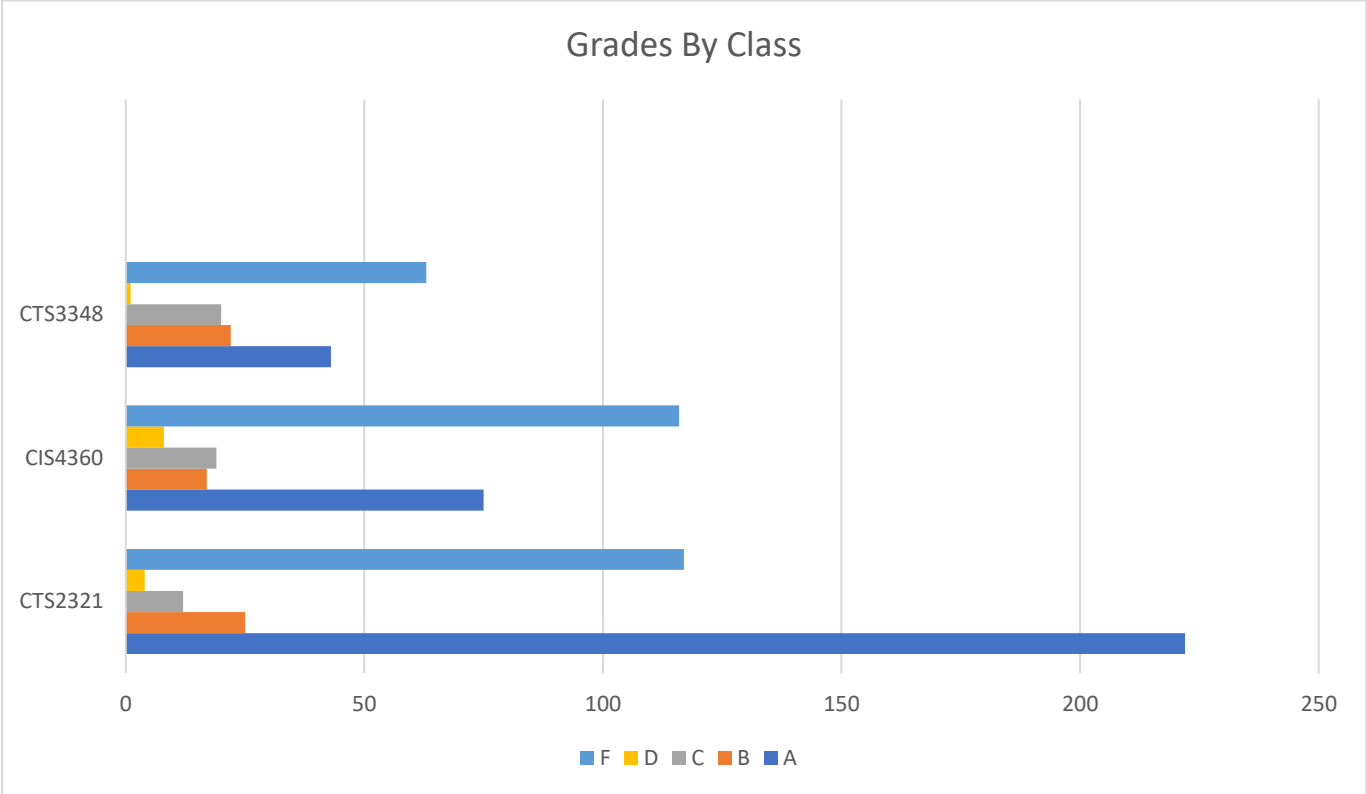
The purpose of this report is to determine the disparity between the performance of the students in CTS2321 and CIS4360. The data set displayed below has been analyzed to provide the necessary statistics to undertake this determination.

	Subj_Cat	ID	Term	Gr_Pts_Unit	Grade	Semester	Passing
1	CIS4360	2583356	2191	0	F	Spring 2019	0
2	CIS4360	2604218	2191	0	F	Spring 2019	0
3	CIS4360	2613446	2168	4	A	Summer 2016	1
4	CIS4360	2610527	2191	0	F	Spring 2019	0
5	CIS4360	2563487	2181	4	A	Spring 2018	1
6	CIS4360	587465	2181	4	A	Spring 2018	1
7	CIS4360	1511126	2191	0	F	Spring 2019	0
8	CIS4360	2493890	2171	2	C	Spring 2017	1
9	CIS4360	2235650	2168	0	F	Summer 2016	0
10	CIS4360	2235650	2171	4	A	Spring 2017	1
11	CIS4360	2662535	2181	4	A	Spring 2018	1
12	CIS4360	2076143	2168	3	B	Summer 2016	1
13	CIS4360	2223341	2171	3	B	Spring 2017	1
14	CIS4360	1845587	2171	4	A	Spring 2017	1
15	CIS4360	2256161	2185	0	F	Fall 2018	0
16	CIS4360	2029739	2181	0	F	Spring 2018	0
17	CIS4360	1873631	2171	4	A	Spring 2017	1
18	CIS4360	2187902	2171	4	A	Spring 2017	1
19	CIS4360	2771702	2181	2	C	Spring 2018	1
20	CIS4360	1890620	2188	0	F	Summer 2018	0
21	CIS4360	1905899	2171	0	F	Spring 2017	0
22	CIS4360	1905899	2178	4	A	Summer 2017	1
23	CIS4360	2490971	2181	2	C	Spring 2018	1
24	CIS4360	920570	2181	0	F	Spring 2018	0
25	CIS4360	2149109	2188	0	F	Summer 2018	0

The following properties have been analyzed to determine the performance disparity between these classes:

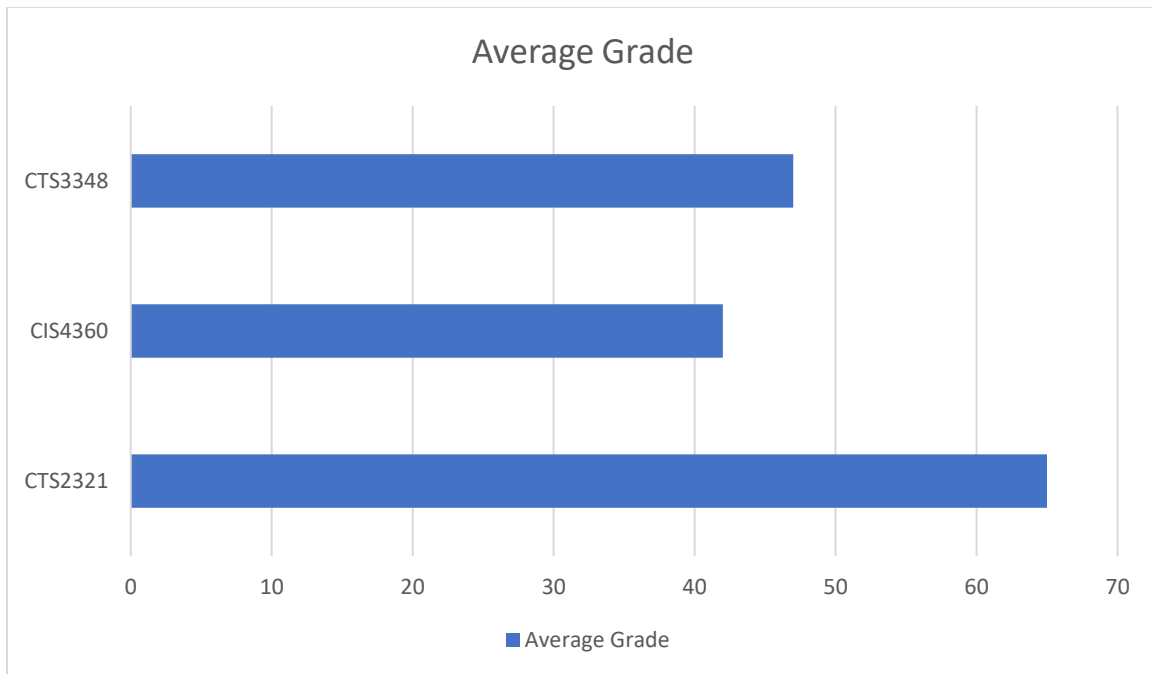
Grades By Class

	Class	A	B	C	D	F
1	CTS2321	222	25	12	4	117
2	CIS4360	75	17	19	8	116
3	CTS3348	43	22	20	1	63



Average Grade % By Class

	CTS2321	CIS4360	CTS3348
1	65.2994791666667	42.2340425531915	46.8120805369128

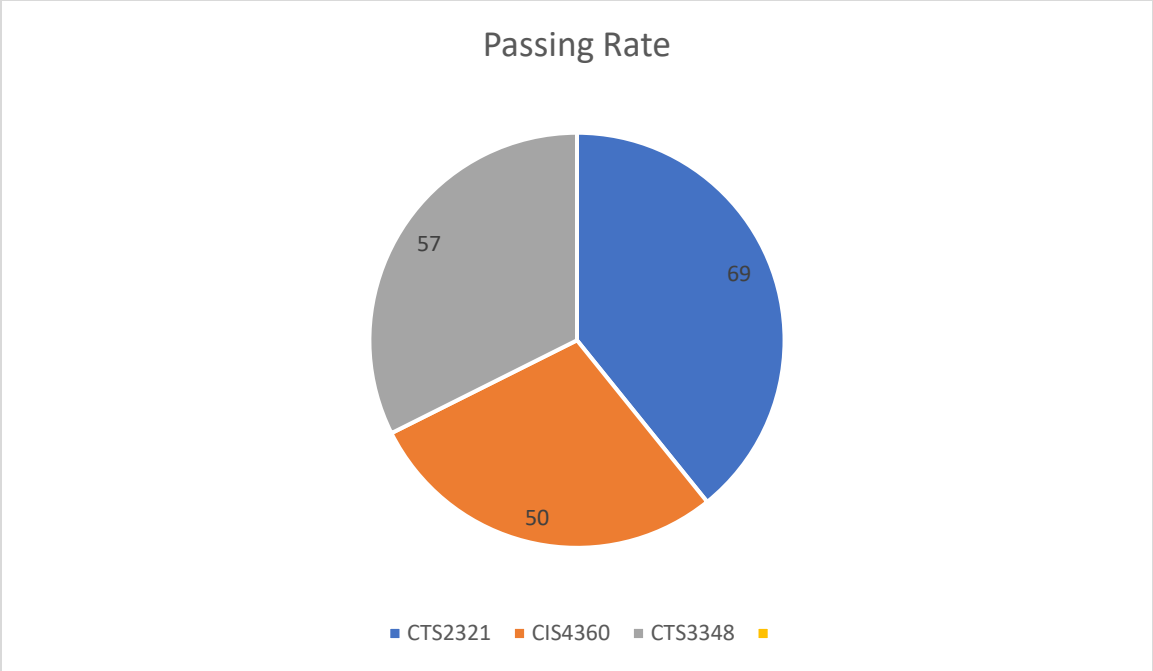


Average Grade % For Each Class By Semester

	Semester	CTS2321	CIS4360	CTS3348
1	Fall 2017	NULL	NULL	82.6923076923077
2	Fall 2018	NULL	23.75	61.5384615384615
3	Spring 2016	58.695652173913	NULL	NULL
4	Spring 2017	73.936170212766	64.1025641025641	56.5789473684211
5	Spring 2018	75	61.9318181818182	38.0434782608696
6	Spring 2019	0	0	0
7	Summer 2015	61.3636363636...	NULL	NULL
8	Summer 2016	88.75	51.6666666666667	64.8148148148148
9	Summer 2017	84.8837209302...	61.2903225806452	60.8695652173913
10	Summer 2018	82.5	0	0

Rounded Passing Rate % by Class

	CTS2321	CIS4360	CTS3348
1	69	50	57



Passing Count By Class

	Class	Passing	Total
1	CTS2321	267	384
2	CIS4360	119	235
3	CTS3348	86	149

