BI 348 Project 1. 30 Points.

1. Your goal is to create this Dashboard:

2. Open the Excel Project 1 file named "BI348Project01.xlsm"
3. Re-name the file so it includes your name.
4. On the sheet named "SourceData", there is a table that looks like this:

	A	B	C
1	CourseID	DecimalGrade	Academic Year
2	BUSN 210	3	1988 - 1989
3	BUSN 210	2	1988 - 1989
4	BUSN 135	1.5	1988 - 1989
5	BUSN 135	2.7	1988 - 1989
6	BUSN 135	2.4	1988 - 1989
7	BUSN 135	1.6	1988 - 1989
8	BUSN 210	3	1988 - 1989
9121	BUSN 135	4	2014 - 2015
9122	BUSN 135	2.2	2014 - 2015

5. On the sheet named “Build Dashboard”, build a PivotTable that has the CourseID filed in the Row Area, the Academic Year filed in the Filter Area, and the Decimal Grade field dropped twice into the Values Area.
6. Using the Summarize Values By feature of the Standard PivotTable, calculate the Mean (Average) and Standard Deviation (StdDev).
7. Add a Slicer based on the Academic Year field.
8. Create a Text Chart Title using a formula based on the items selected in the Filter Area of the PivotTable, something like this:

	A	B	C	D	E	F	G
1	Academic Year	2001 - 2002			Academic Year = 2001 - 2002		
2					=A1&" = "&B1		
3	CourseID	GPA - Mean	GPA - Standard Deviation				
4	BUSN 135	2.48	1.22				
5	BUSN 210	2.94	1.12				
6	**Grand Total**	**2.71**	**1.19**				
7							

9. Create a Column Chart based on the PivotTable.
10. Link the Column Chart “Chart Title” to the formula you created in step 8.
11. Move the Column Chart and the Slicer to the sheet named “Grade Dashboard”.
12. Make the Dashboard Neat.
13. Upload the finished Excel File to the Project 01 upload link in the Home Area of Canvas.