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IT425

Proj#5 Hierarchies, calculations, KPIs

Q1) Departmental Statistics

Department	# Sections	# Courses	Avg Enrollment	Profit
AF	3,213.00	64	12.5	(\$1,506,895.00)
BC	1,440.00	9	5.2	(\$4,611,614.47)
MM	3,276.00	79	10.7	(\$2,999,193.17)
MSIS	3,735.00	94	9.4	(\$6,577,356.67)
Grand Total	11,664.00	246	10.1	(\$15,695,059.31)

Q2) Class size trends

Avg Enrollment	Program Level		
Row Labels	Graduate	Undergraduate	Grand Total
AY 2008-2009	5.6	7.1	6.8
AY 2009-2010	7.7	7.2	7.3
AY 2010-2011	16.9	10.7	11.6
AY 2011-2012	16.4	10.0	11.0
AY 2012-2013	14.5	10.4	11.1
AY 2013-2014	14.7	11.7	12.3
AY 2014-2015	14.5	10.4	11.1
AY 2015-2016	14.3	10.3	10.9
AY 2016-2017	12.5	10.7	11.0
AY 2017-2018	12.8	8.7	9.3
AY 2018-2019	13.0	10.0	10.5
Grand Total	12.7	9.6	10.1

Drag fields between areas below:

Filters 	Columns Program-Course
Rows Year	Values Avg Enrollment

Q3) KPIs for scheduling

Year	Fall 2017		
Program	# Sections	Avg Enrollment	Enrollment Status
Graduate			
MBA			
MBAACM681	1.00	7.0	✗
MBAACM682			✗
MBAACM684	1.00	8.0	!
MBAACM697			✗
MBAAF601	3.00	10.7	!
MBAAF603	1.00	26.0	✓
MBAAF610	3.00	14.0	✓
MBAAF611	1.00	23.0	✓
MBAAF612	1.00	11.0	!
MBAAF613	1.00	18.0	✓
MBAAF614	1.00	30.0	✓
MBAAF615	1.00	14.0	✓
MBAAF616	3.00	12.7	✓
MBAAF617	1.00	11.0	!
MBAAF618	1.00	24.0	✓
MBAAF620	3.00	16.0	✓

Q4) Dean Decisions

# Sections	Column Labels		
Row Labels	Non-terminal degree	Terminal degree	Grand Total
Graduate			
MBA	19.41%	68.59%	88.00%
MSBA	0.37%	2.40%	2.77%
MSIT	0.48%	8.16%	8.64%
PhD	0.00%	0.59%	0.59%
Grand Total	20.27%	79.73%	100.00%

Based on the pivot table above, there are over 79.73% of the graduate course sections that are taught by an instructor with terminal degree. Therefore, the Dean does not need to try at increasing that percentage and makes the cut.