

FOUR YEAR RESULT ANALYSIS- UG

Detailed Result Analysis of UG Course

DATA ANALYSIS TEAM,
IQAC

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BSC COMPUTER SCIENCE 40

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BSC HOTEL MANAGEMENT & CATERING SCIENCE 40

BSC HOTEL MANAGEMENT & CATERING SCIENCE 40

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BSC FOOD TECHNOLOGY..... 40

BSC FOOD TECHNOLOGY..... 40

BSC FOOD TECHNOLOGY..... 40

BSC GEOLOGY 40

BSC GEOLOGY..... 40

BSC GEOLOGY..... 40

BSC GEOLOGY..... 40

BSC GEOLOGY SELF 40

BSC GEOLOGY SELF 40

BSC GEOLOGY SELF 40

BSC GEOLOGY SELF 40

BSC MATHEMATICS 40

BSC MATHEMATICS..... 40

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BSC PHYSICS 40

BSC PHYSICS	40
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BSW	40
BSW	40
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A yearly analysis of the final results of all UG Programs were conducted. The results were downloaded in excel format. Detailed analysis was conducted using Microsoft Excel Pivot options. The key influencers were analyzed using Microsoft Power Bi desktop. The results were presented in IQAC meeting initially. After approval the results were presented in the staff meeting.

BATCH

2015 ADMISSION YEAR – 2018 PASS OUT

2016 ADMISSION YEAR – 2019 PASS OUT

2017 ADMISSION YEAR – 2020 PASS OUT

2018 ADMISSION YEAR – 2021 PASS OUT

NO OF STUDENTS ATTEMPTED FINAL EXAM

Row Labels	2015	2016	2017	2018
BA DM	29	45	44	28
BA ECO	50	64	55	53
BA ENG LIT	27	38	40	28
BA FE	36	41	38	35
BA MAL	19	38	43	19
BBA	31	56	51	36
BCA	33	36	36	29
BCOM	58	64	63	62
BCOM A	58	59	53	59
BCOM B	55	60	57	59
BCOM C	56	60	58	48
BCOM PRO			33	38
BSC CHE	46	52	47	45
BSC CS	30	35	35	30
BSC CS & HT	19	32	35	28
BSC FT			26	22
BSC GEO	34	36	32	33
BSC GEO SF			20	23
BSC MAT	47	51	49	48
BSC PHY	49	48	50	44
BSC PHY SF			24	22
BSC PSY SF	29	33	38	31
BSC ZOO	33	34	32	29
BSW	25	38	38	52
Grand Total	764	920	997	901

NO OF COURSES

2015 & 2016 = 20

2017 & 2018 = 24

No of Students

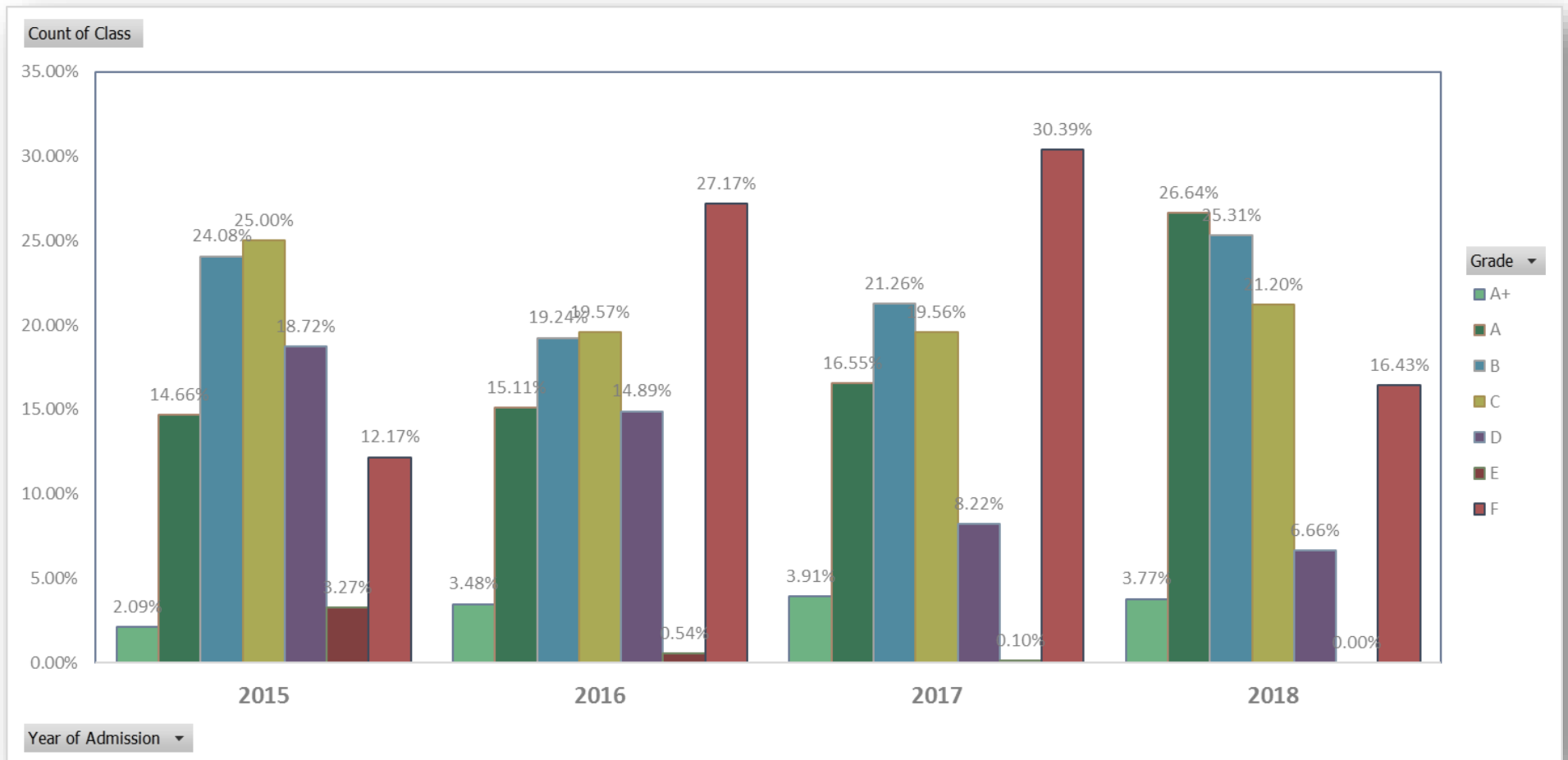
2015 = 764

2016 = 920

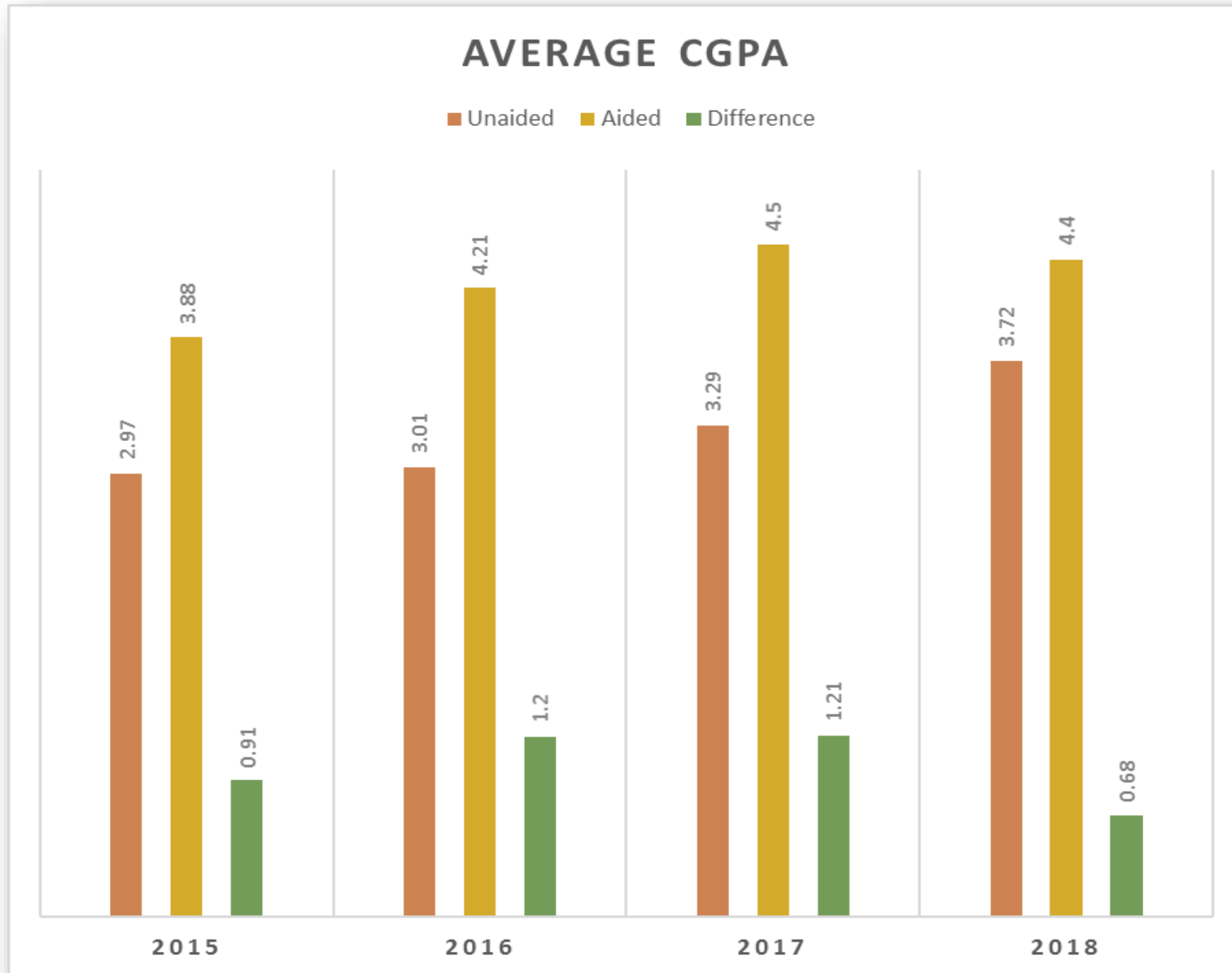
2017 = 997

2018 = 901

GRADE DISTRIBUTION OF EACH YEAR EXAM



GRADE DIFFERENCE FOR AIDED AND UNAIDED



AVERAGE CGPA OF PROGRAMME

UG PROGRAMME	2015 ADM	2016 ADM	2017 ADM	2018 ADM	AVERAGE
BA DM	2.13	3.11	3.34	3.49	3.02
BA ECO	3.30	3.56	3.98	3.87	3.68
BA ENG LIT	2.64	3.14	3.62	3.70	3.28
BA FE	3.11	3.67	3.87	3.91	3.64
BA MAL	2.97	2.82	3.36	3.56	3.18
BBA	1.98	2.58	2.77	3.69	2.76
BCA	2.70	2.99	3.31	3.58	3.14
BCOM	3.99	4.13	4.29	4.57	4.25
BCOM A	3.02	3.09	3.51	3.93	3.39
BCOM B	2.95	2.93	3.22	3.86	3.24
BCOM C	2.94	2.97	2.88	3.71	3.13
BCOM PRO			2.46	3.36	2.91
BSC CHE	4.44	4.71	5.10	5.05	4.82
BSC CS	2.91	3.19	3.20	3.77	3.27
BSC CS & HT	2.38	2.40	2.59	2.71	2.52
BSC FT			3.77	4.25	4.01
BSC GEO	3.76	3.80	4.35	3.75	3.92
BSC GEO SF			3.80	3.58	3.69
BSC MAT	3.93	4.37	4.86	4.35	4.38
BSC PHY	4.48	4.94	4.94	5.07	4.86
BSC PHY SF			3.85	3.89	3.87
BSC PSY SF	3.89	4.03	3.99	4.49	4.10
BSC ZOO	4.11	4.25	4.61	4.46	4.36
BSW	2.69	2.60	2.96	3.27	2.88
AVERAGE	3.37	3.60	3.83	4.00	3.71

KEY INFLUENCERS IN EACH YEAR - INFLUENCE ON PASS PERCENTAGE

2015 ADMISSION YEAR - 2018 PASS OUT

Key influencers [Top segments](#)



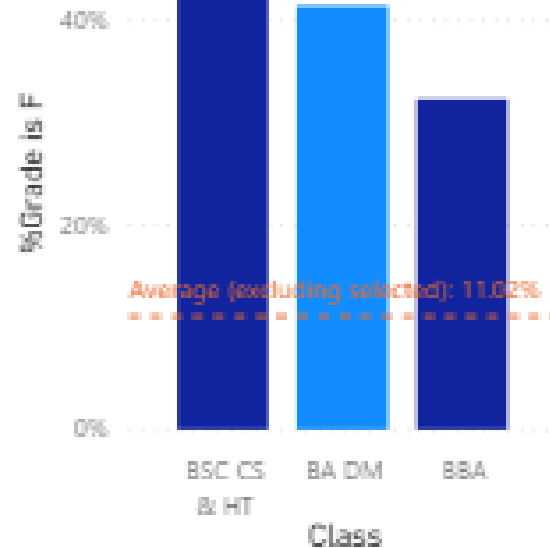
What influences Grade to be F ?

When...

...the likelihood of Grade being F increases by



← Grade is more likely to be F when Class is BA DM than otherwise (on average).



Year of Admi...

- ▼ 2015
- ▼ 2016
- ▼ 2017
- ▼ 2018

Only show values that are influencers

2016 ADMISSION YEAR - 2019 PASS OUT

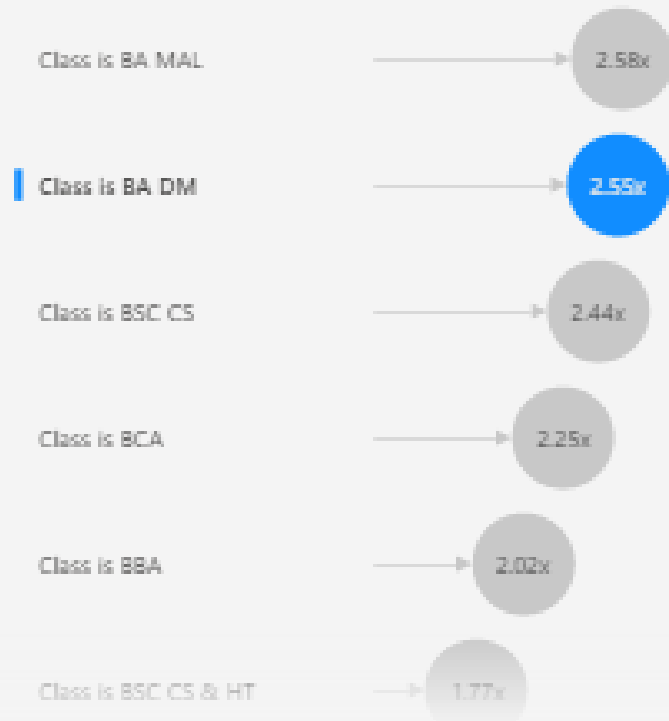
Key influencers Top segments



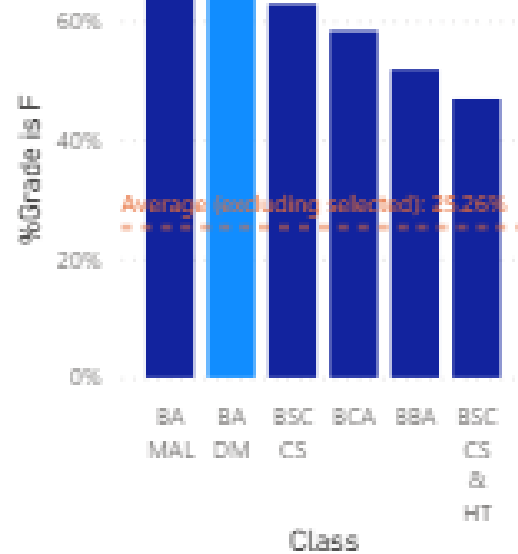
What influences Grade to be ?

When...

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Grade is more likely to be F when Class is BA DM than otherwise (on average).



Only show values that are influencers

Year of Admi...

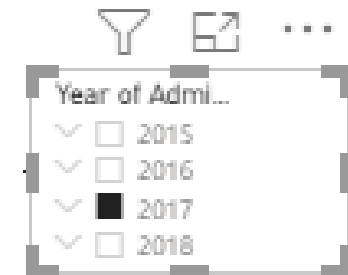
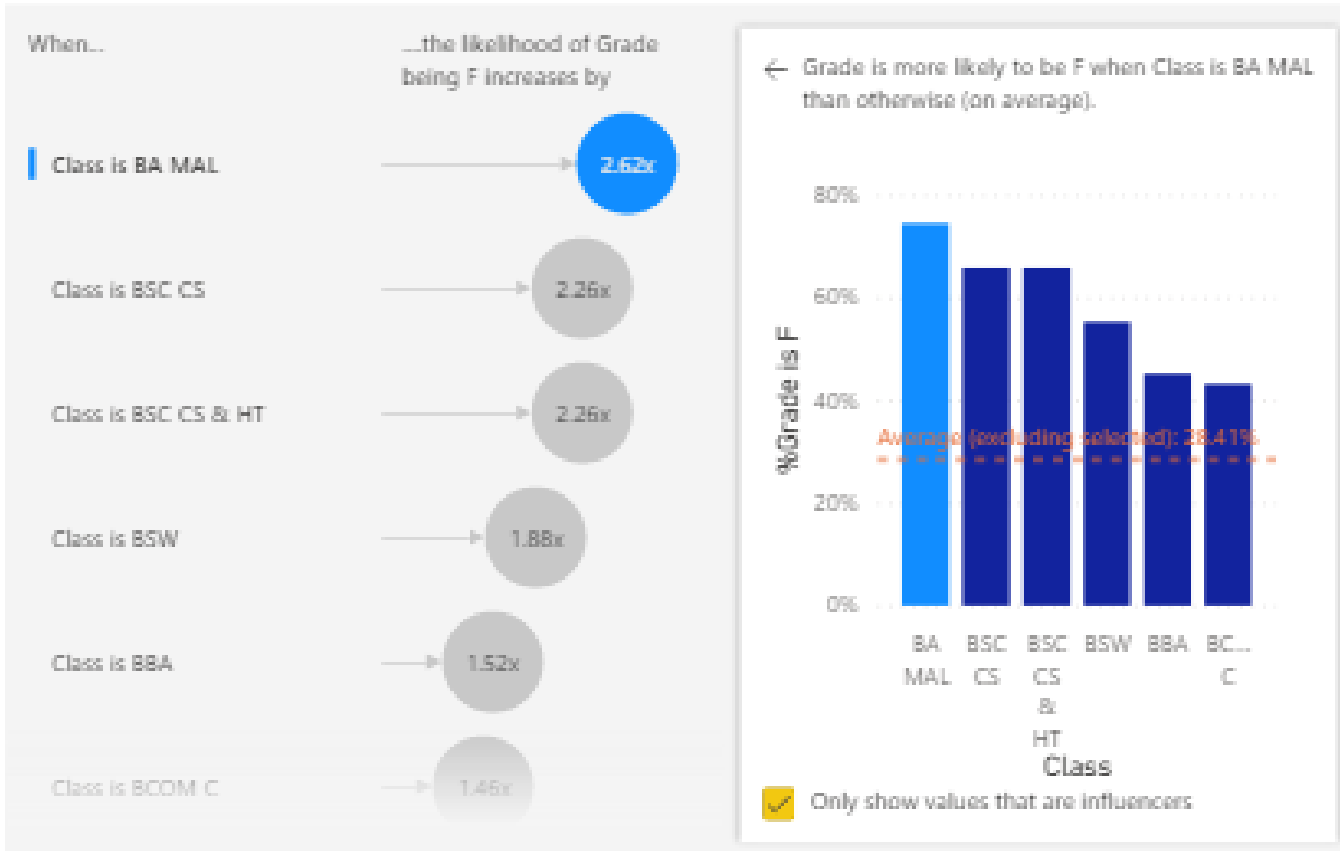
- 2015
- 2016
- 2017
- 2018

2017 ADMISSION YEAR - 2020 PASS OUT

Key influencers Top segments



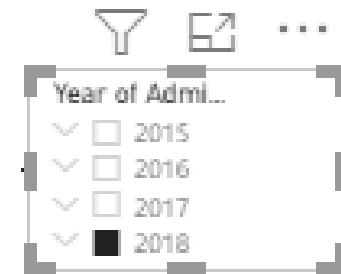
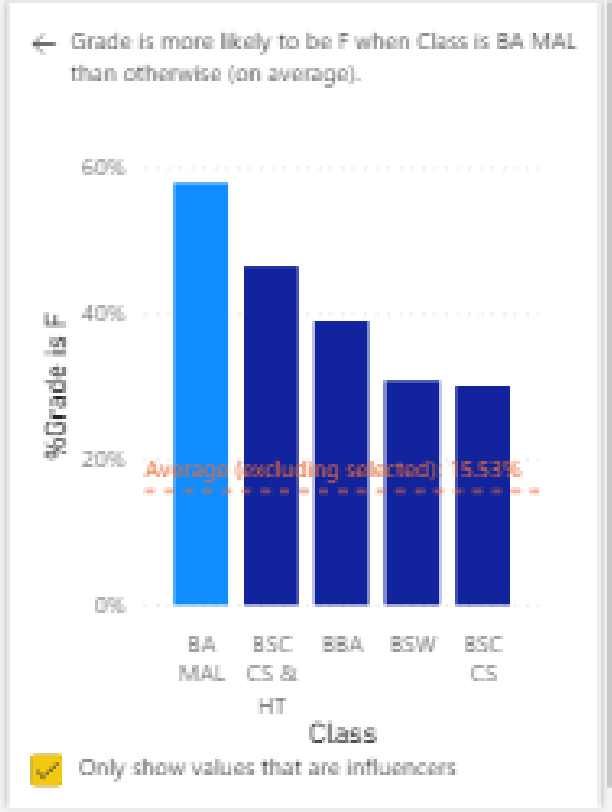
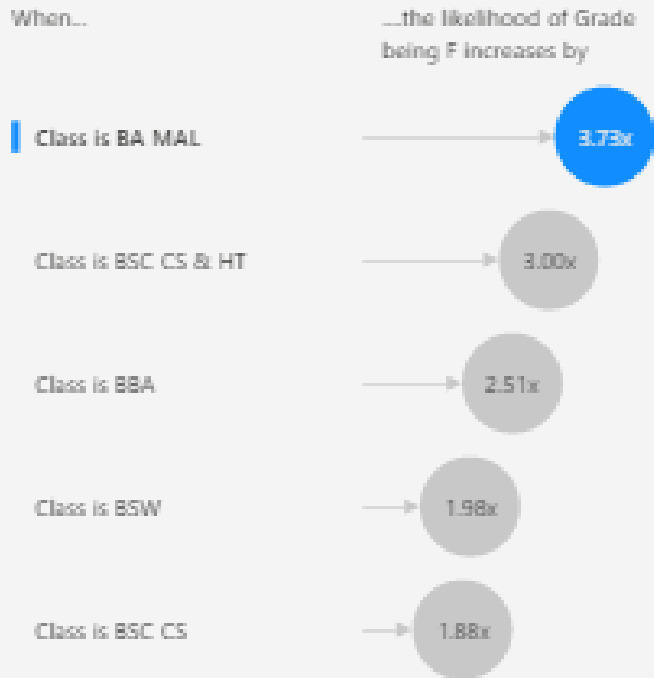
What influences Grade to be ?



2018 ADMISSION YEAR - 2021 PASS OUT

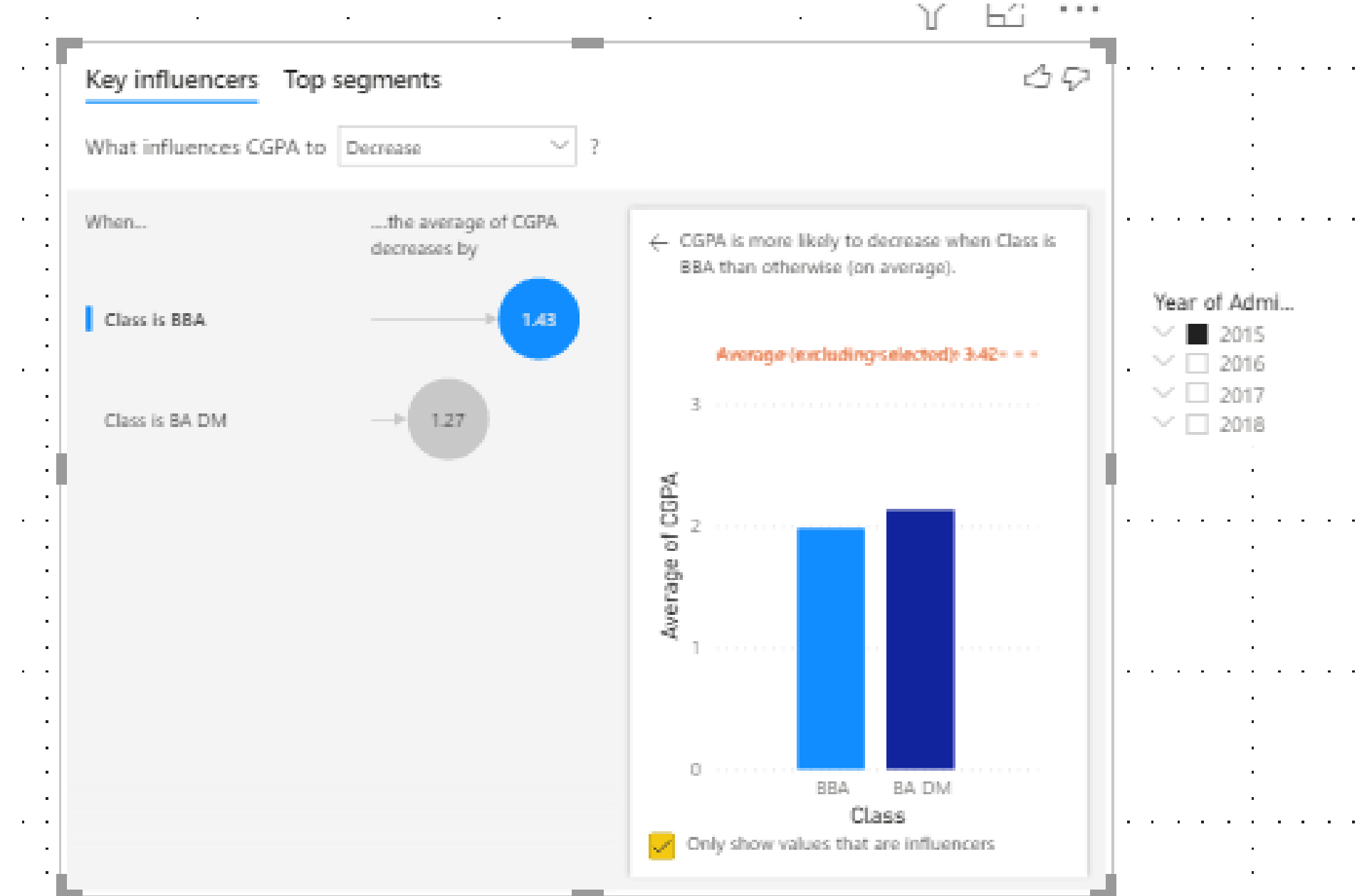
Key influencers Top segments

What influences Grade to be ?



KEY INFLUENCERS IN EACH YEAR – INFLUENCE ON AVERAGE CGPA

2015 ADMISSION YEAR – 2018 PASS OUT



2016 ADMISSION YEAR - 2019 PASS OUT

Key influencers Top segments



What influences CGPA to Decrease ?

When...

...the average of CGPA decreases by

Class is BSC CS & HT

1.24

Class is BSW

1.05

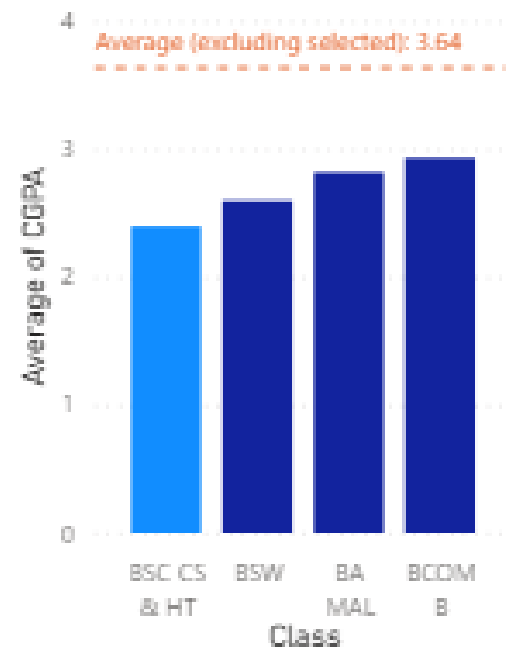
Class is BA MAL

0.8

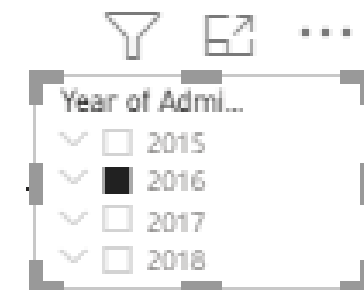
Class is BCOM B

0.73

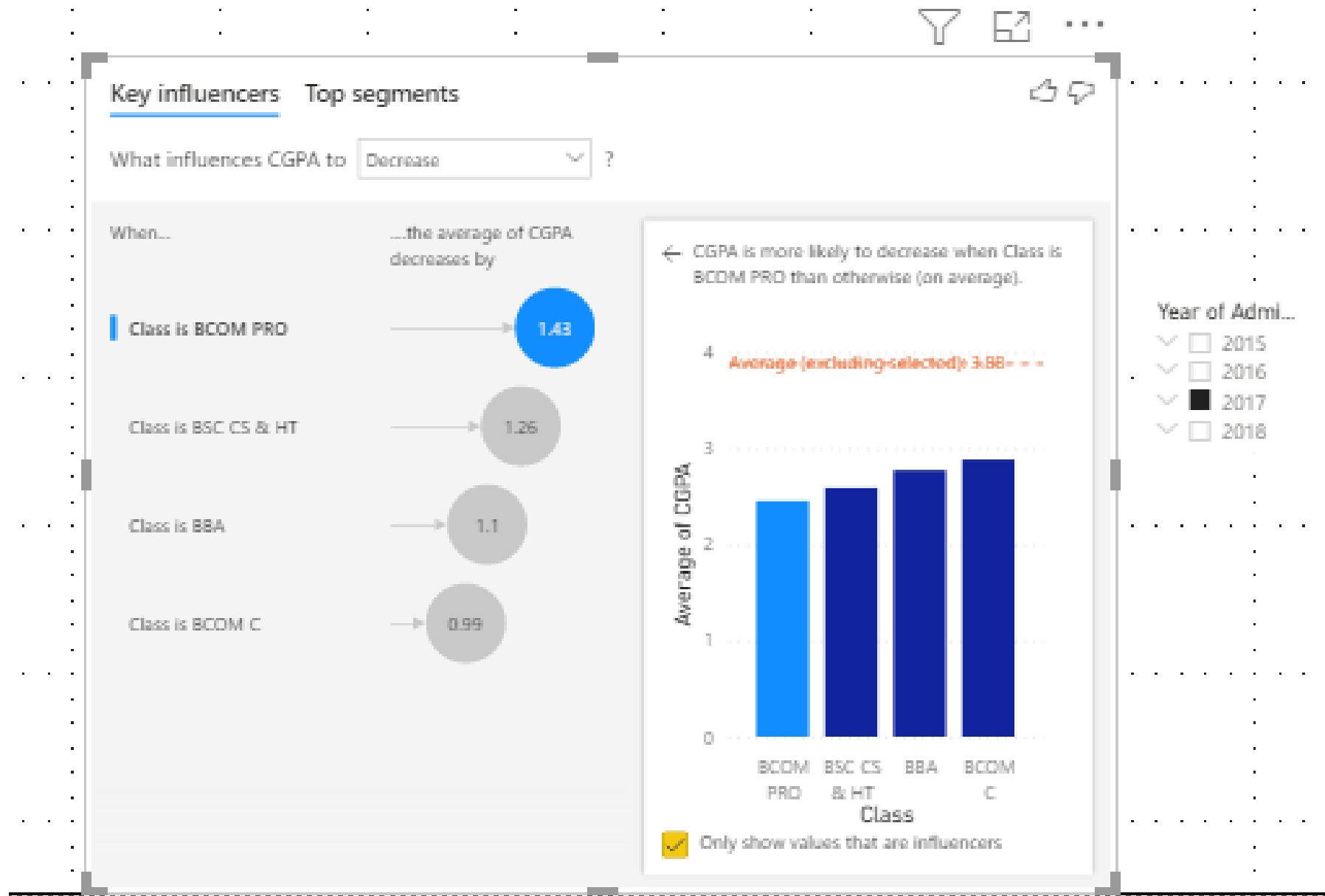
← CGPA is more likely to decrease when Class is BSC CS & HT than otherwise (on average).



Only show values that are influencers



2017 ADMISSION YEAR - 2020 PASS OUT



2018 ADMISSION YEAR - 2021 PASS OUT

Key influencers Top segments



What influences CGPA to Decrease ?

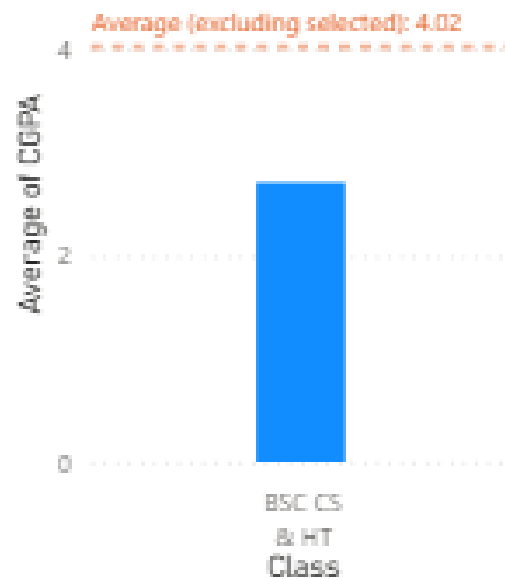
When...

...the average of CGPA decreases by

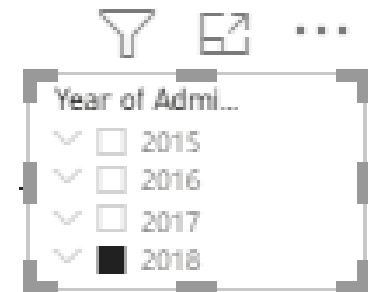
Class is BSC CS & HT

1.31

← CGPA is more likely to decrease when Class is BSC CS & HT than otherwise (on average).



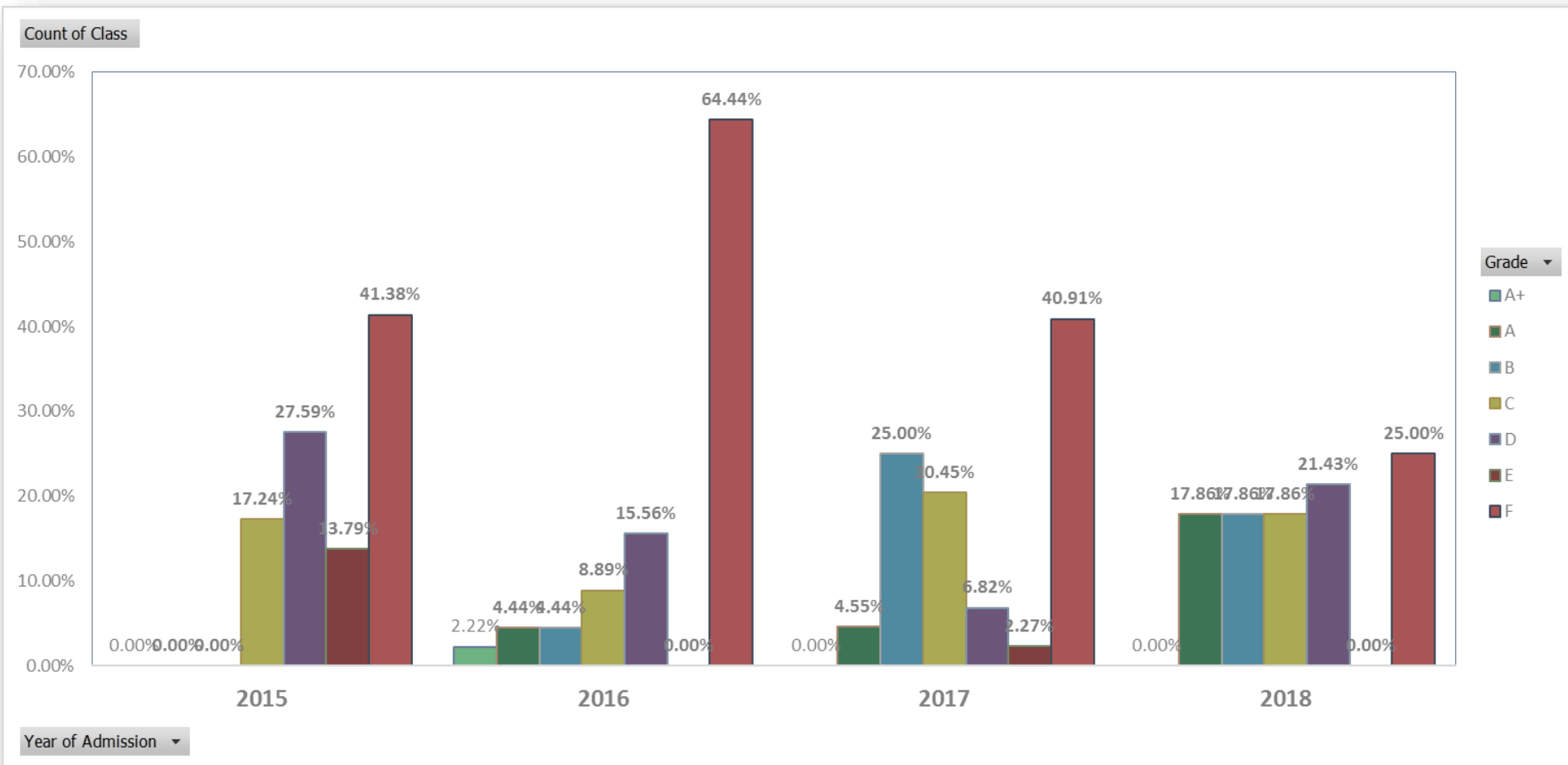
Only show values that are influencers

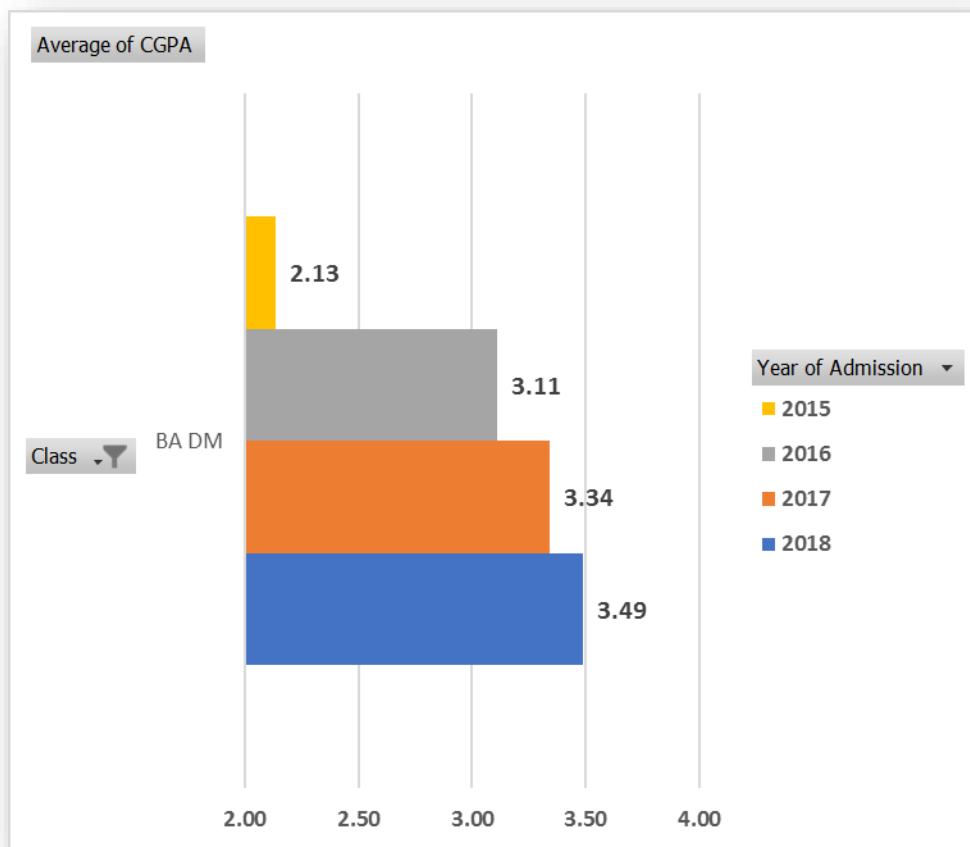


ANALYSIS OF EACH PROGRAMME

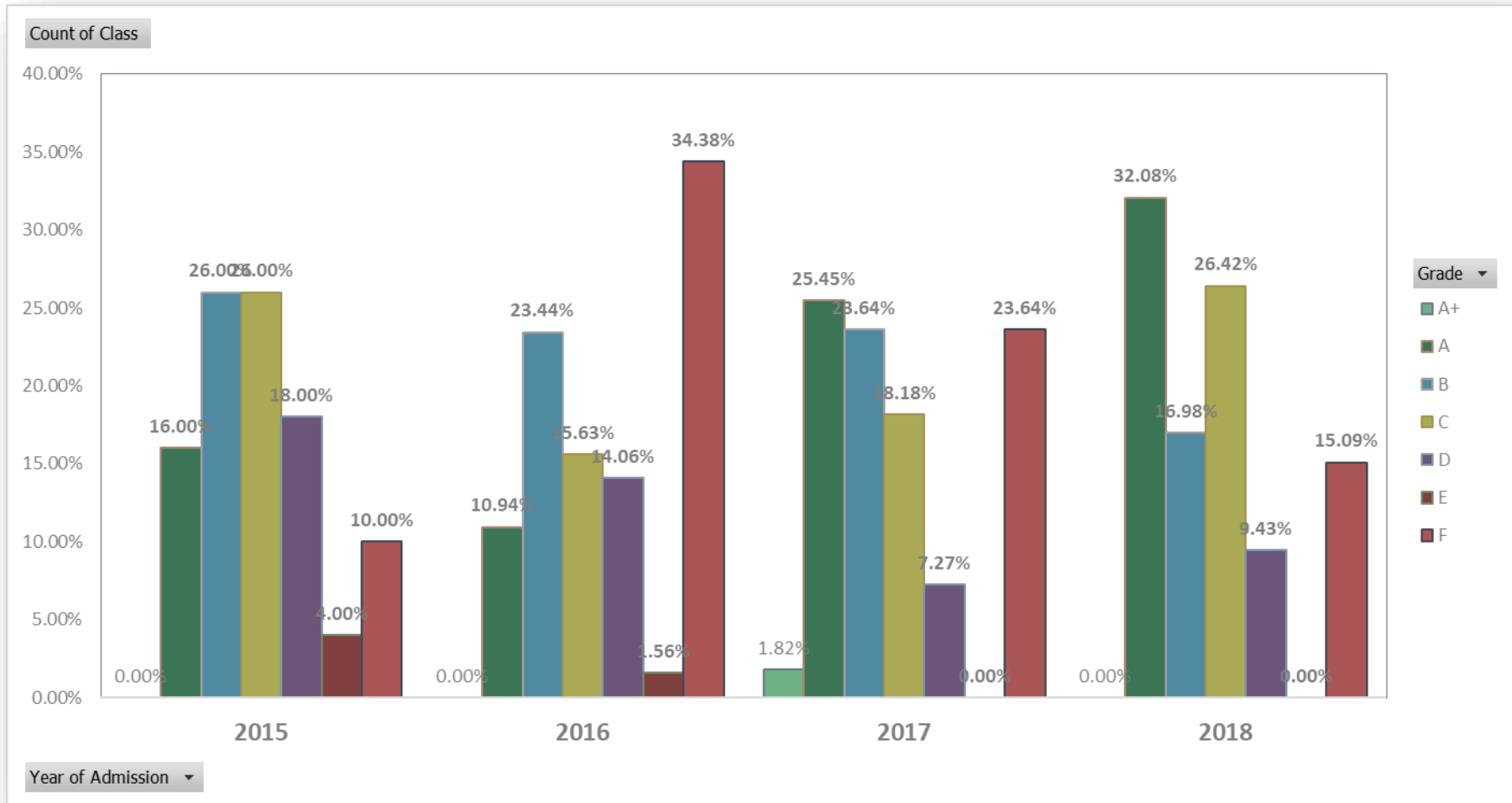
BA DOUBLE MAIN

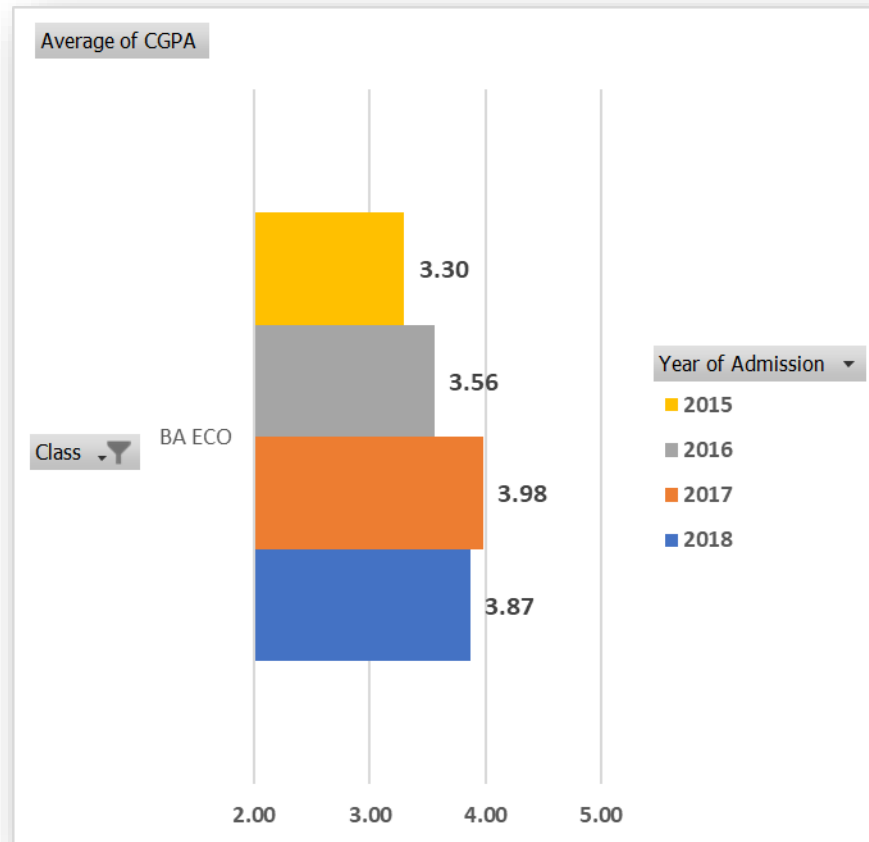
GRADE DISTRIBUTION





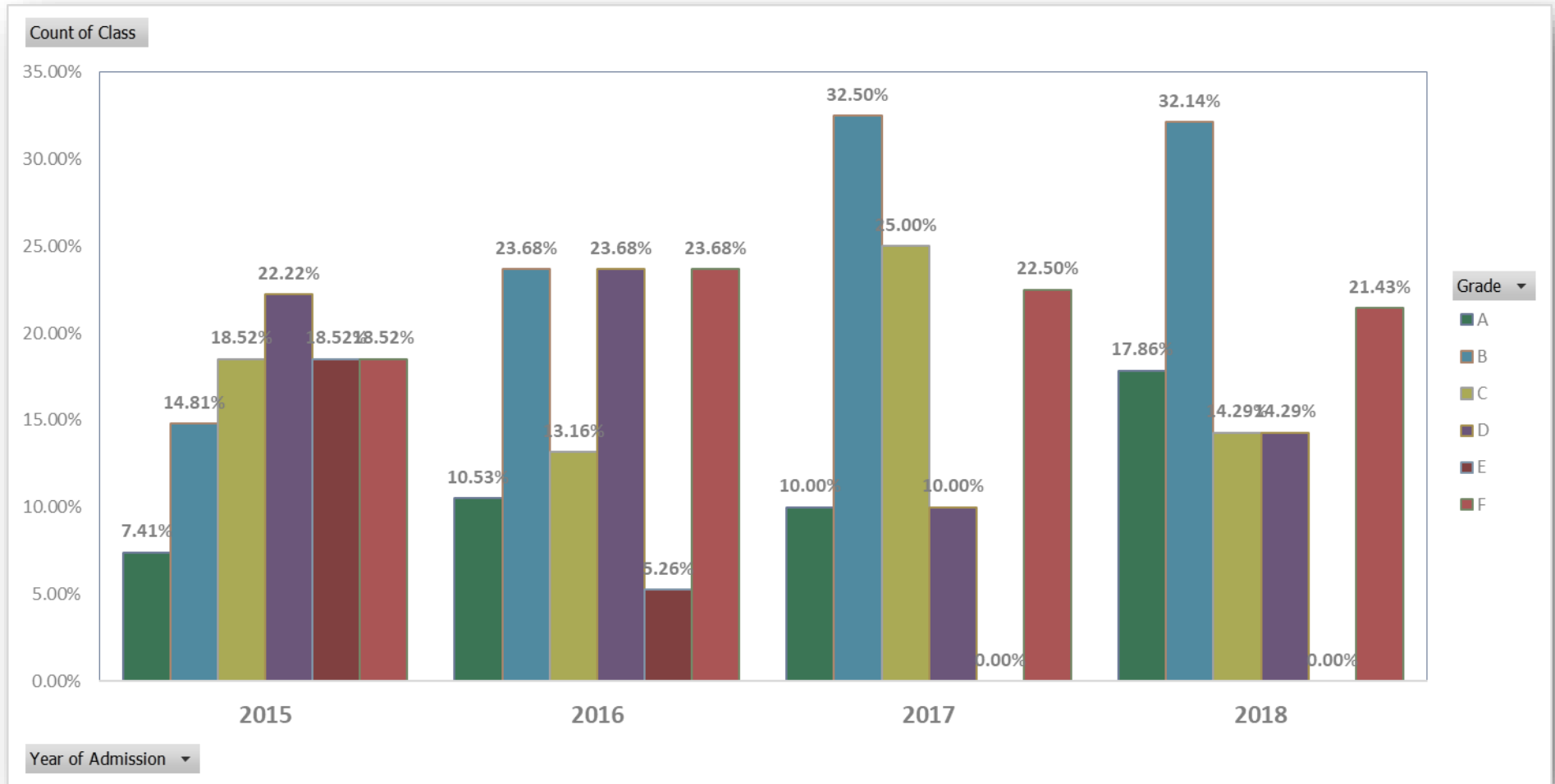
GRADE DISTRIBUTION

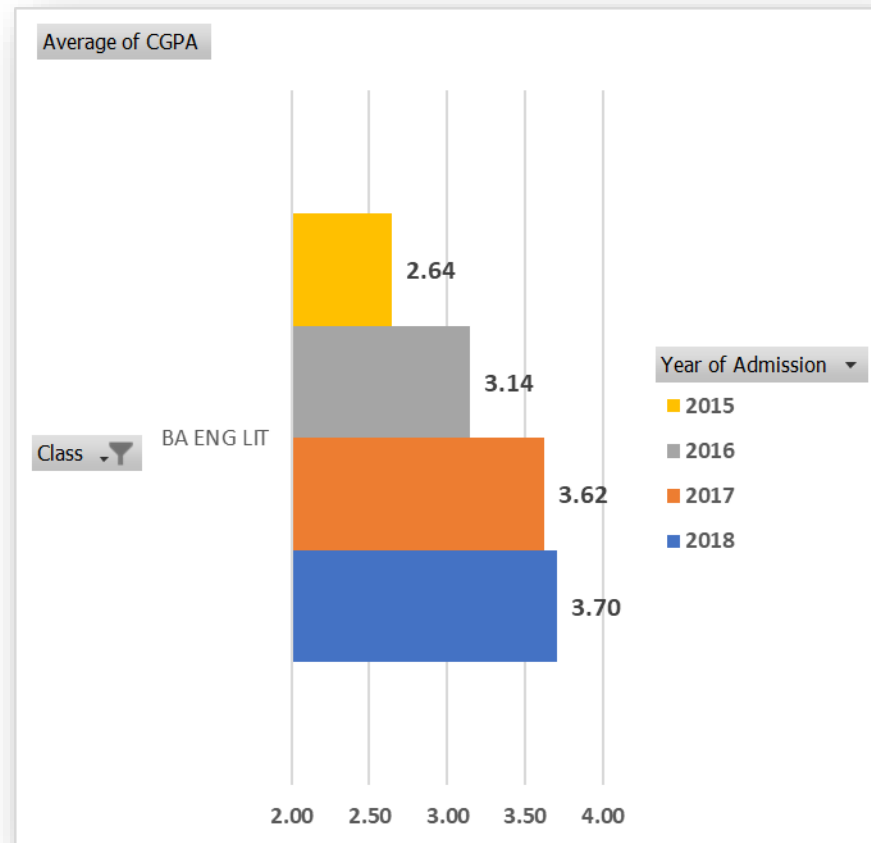




BA ENGLISH LITERATURE

GRADE DISTRIBUTION

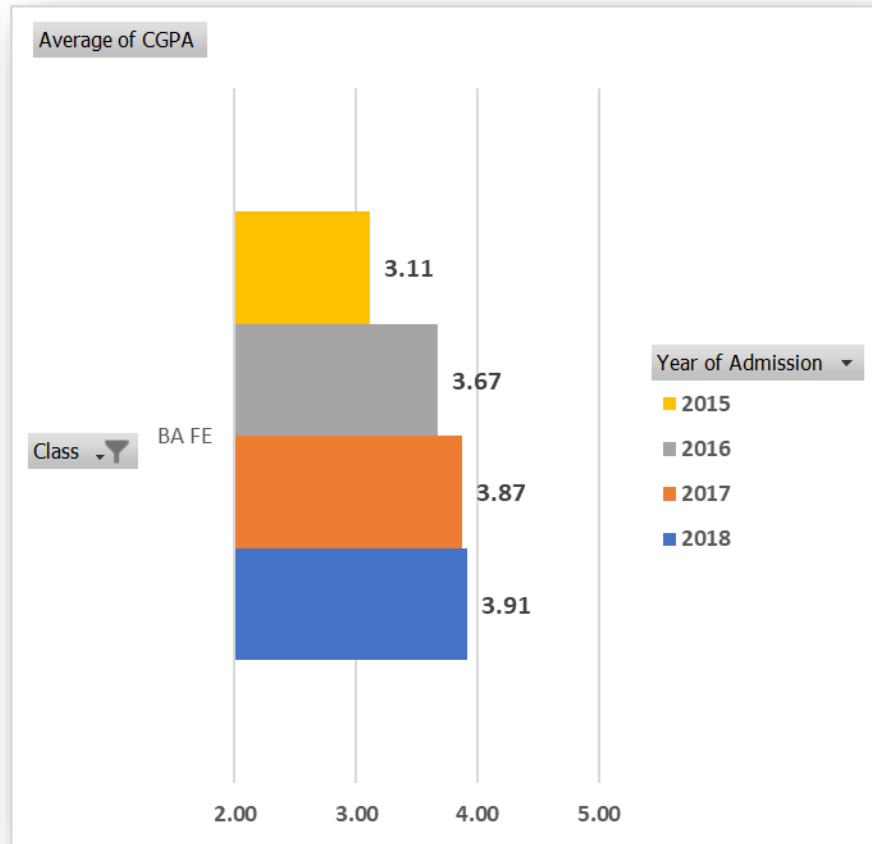




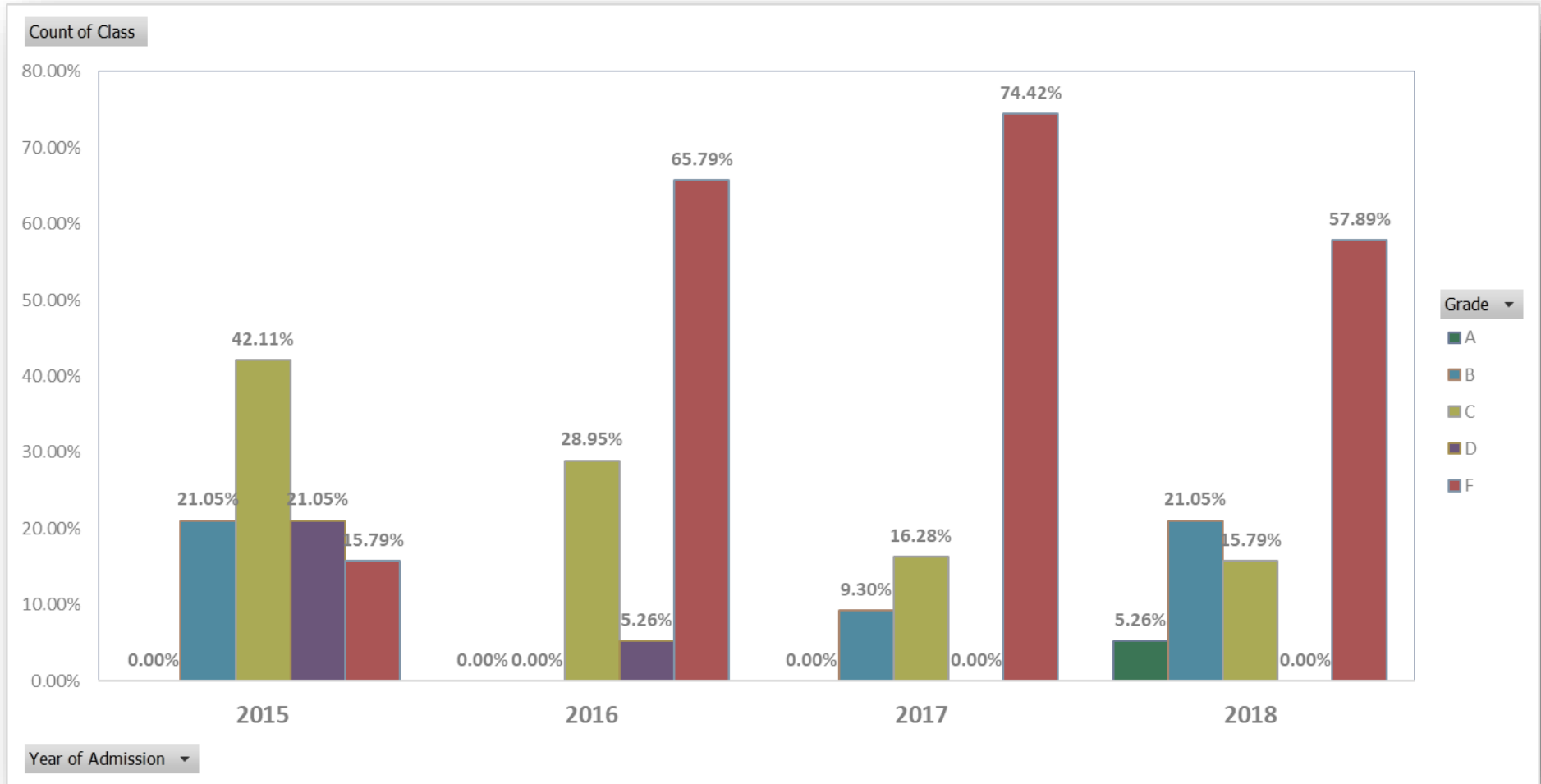
BA FUNCTIONAL ENGLISH

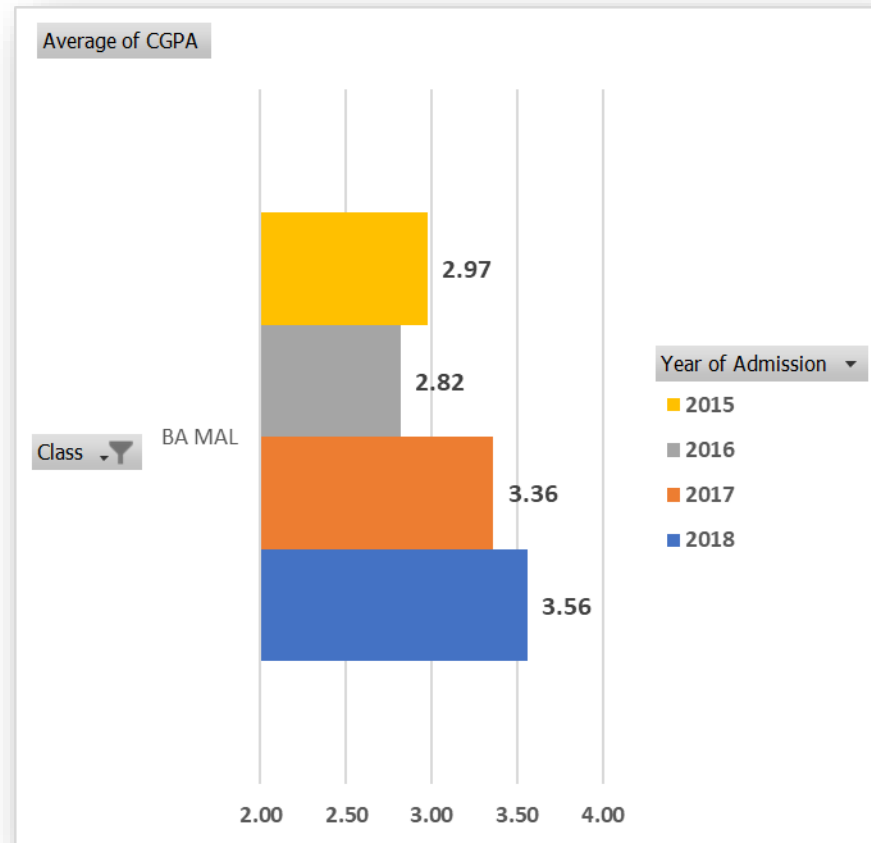
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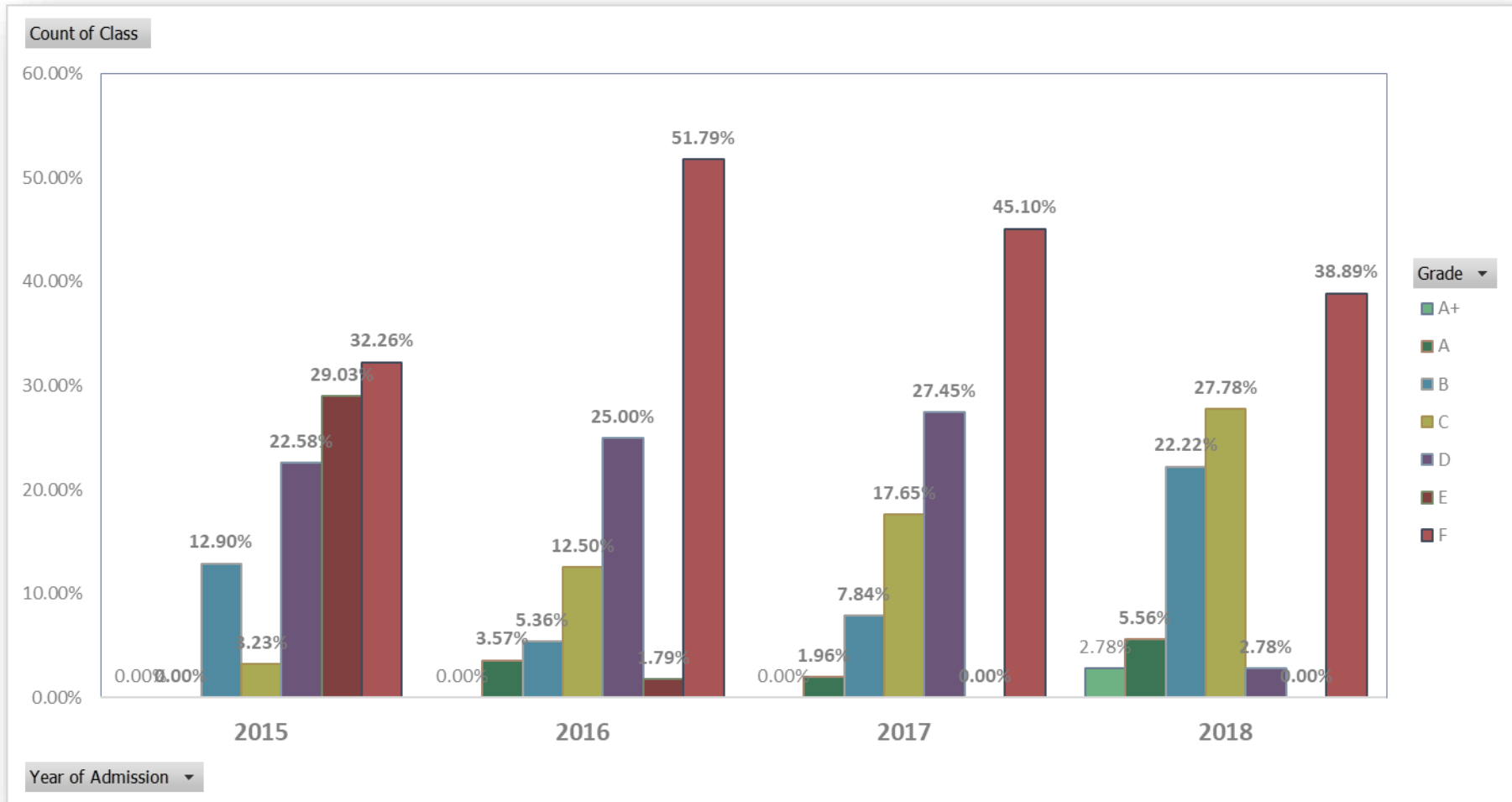


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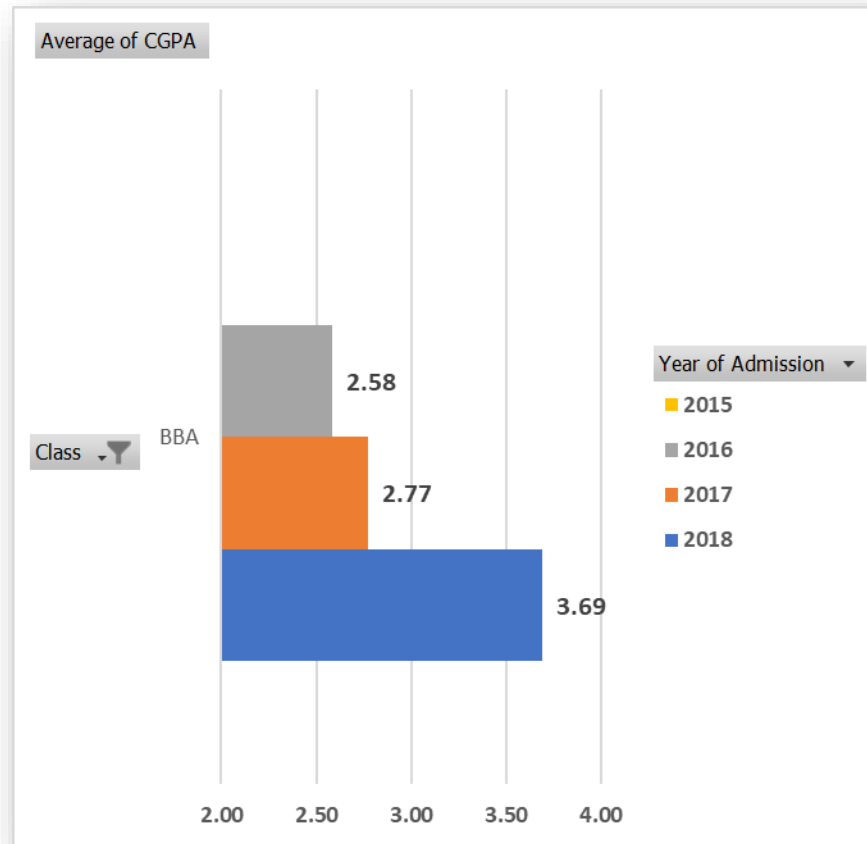




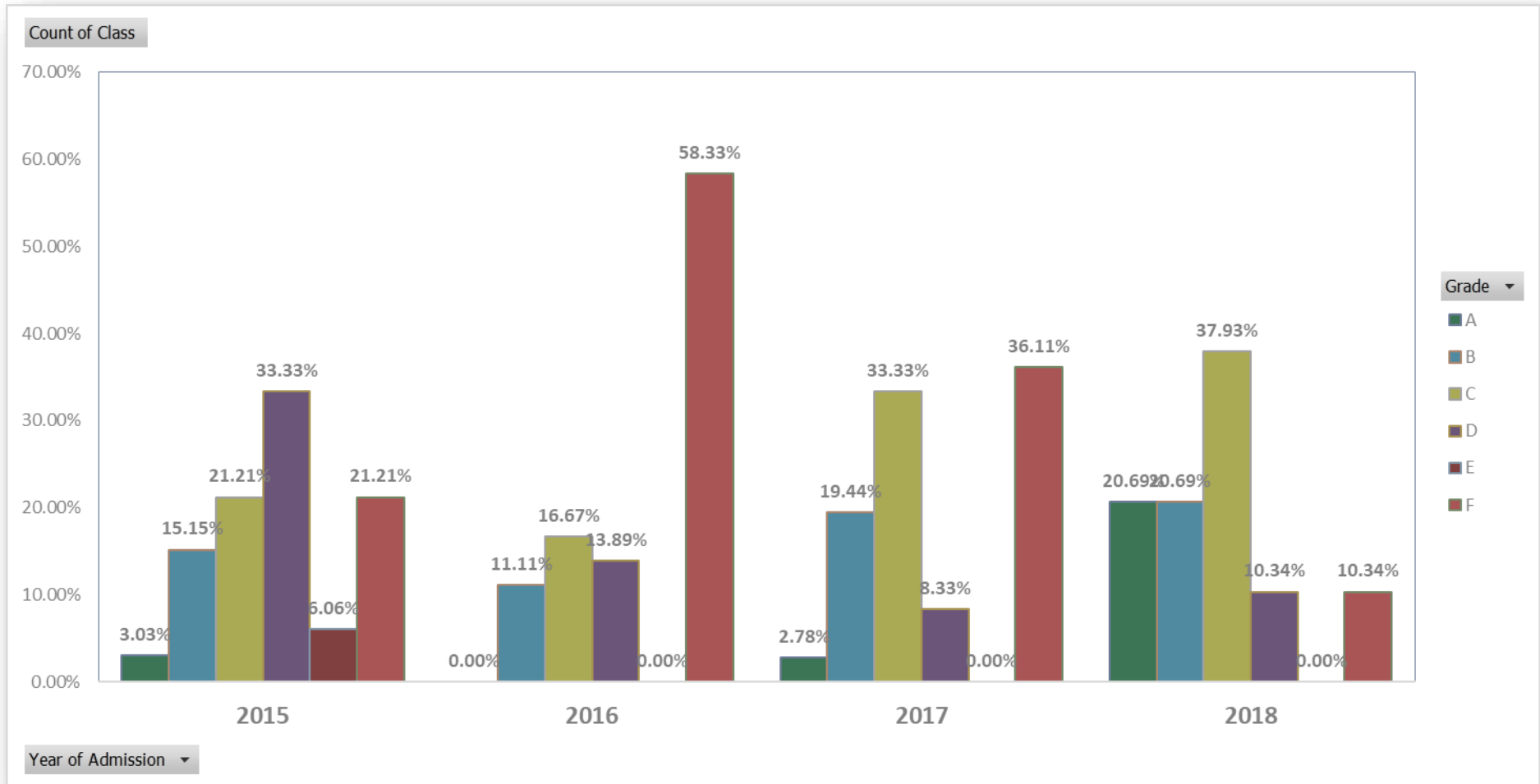
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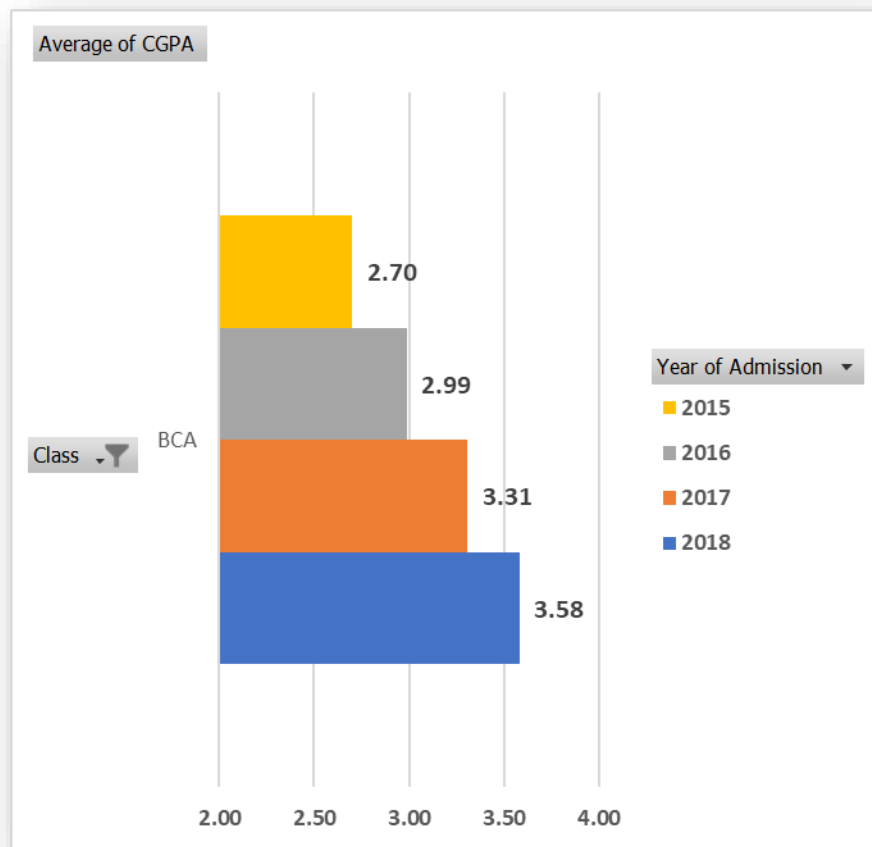


GROWTH IN CGPA

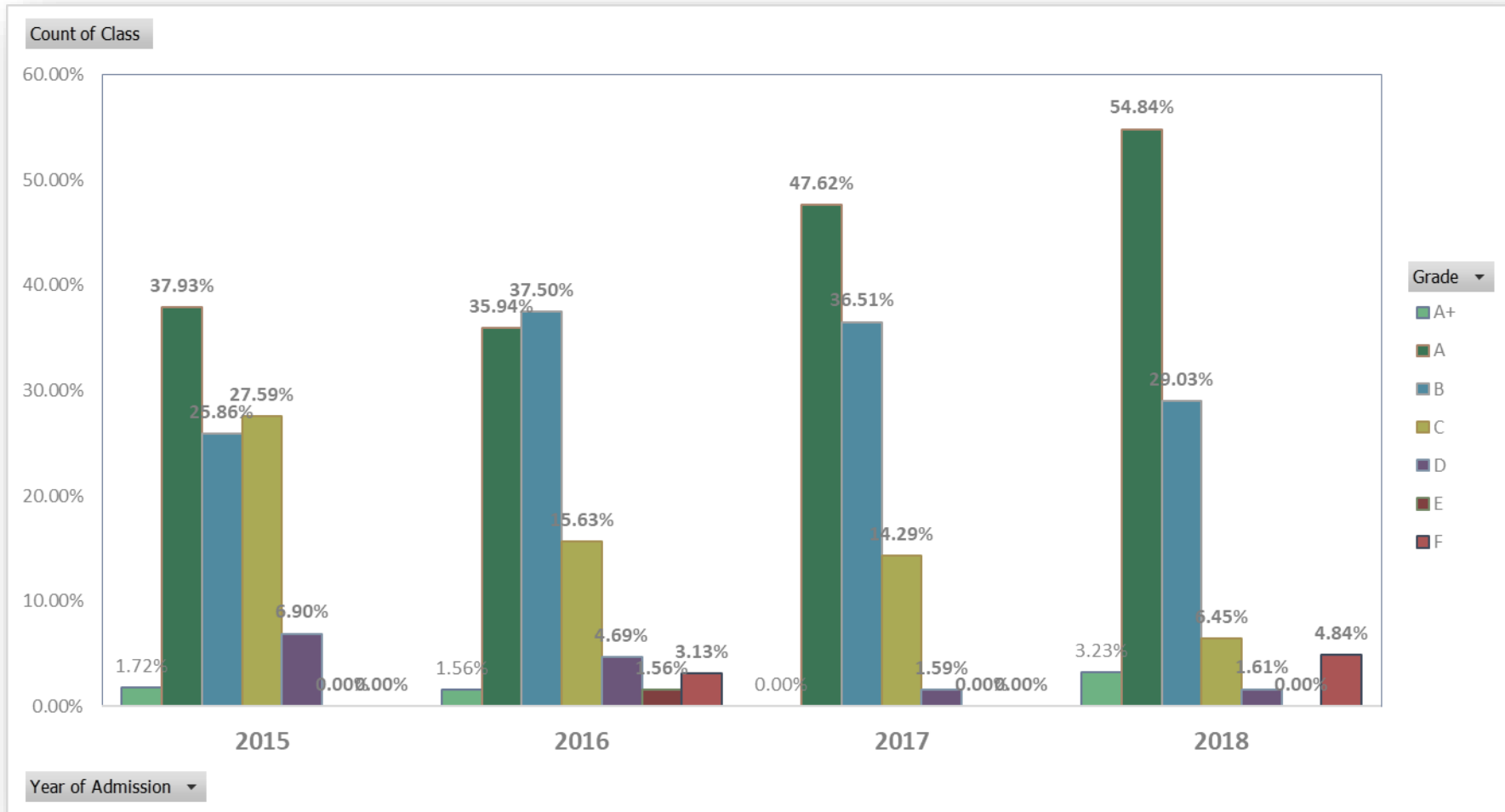


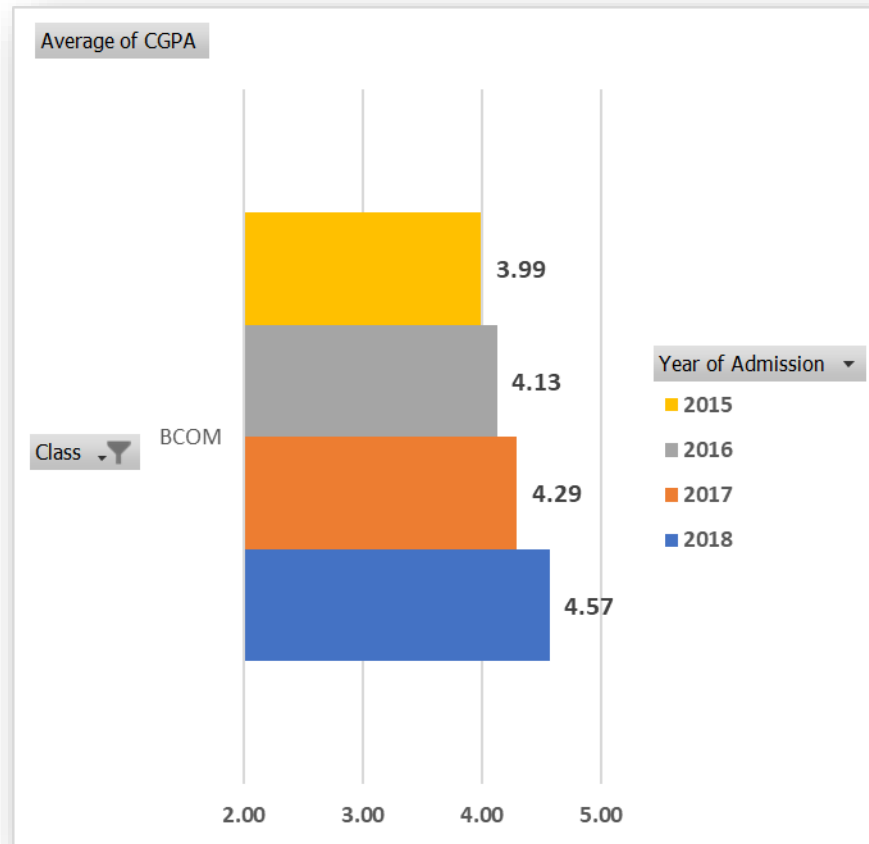
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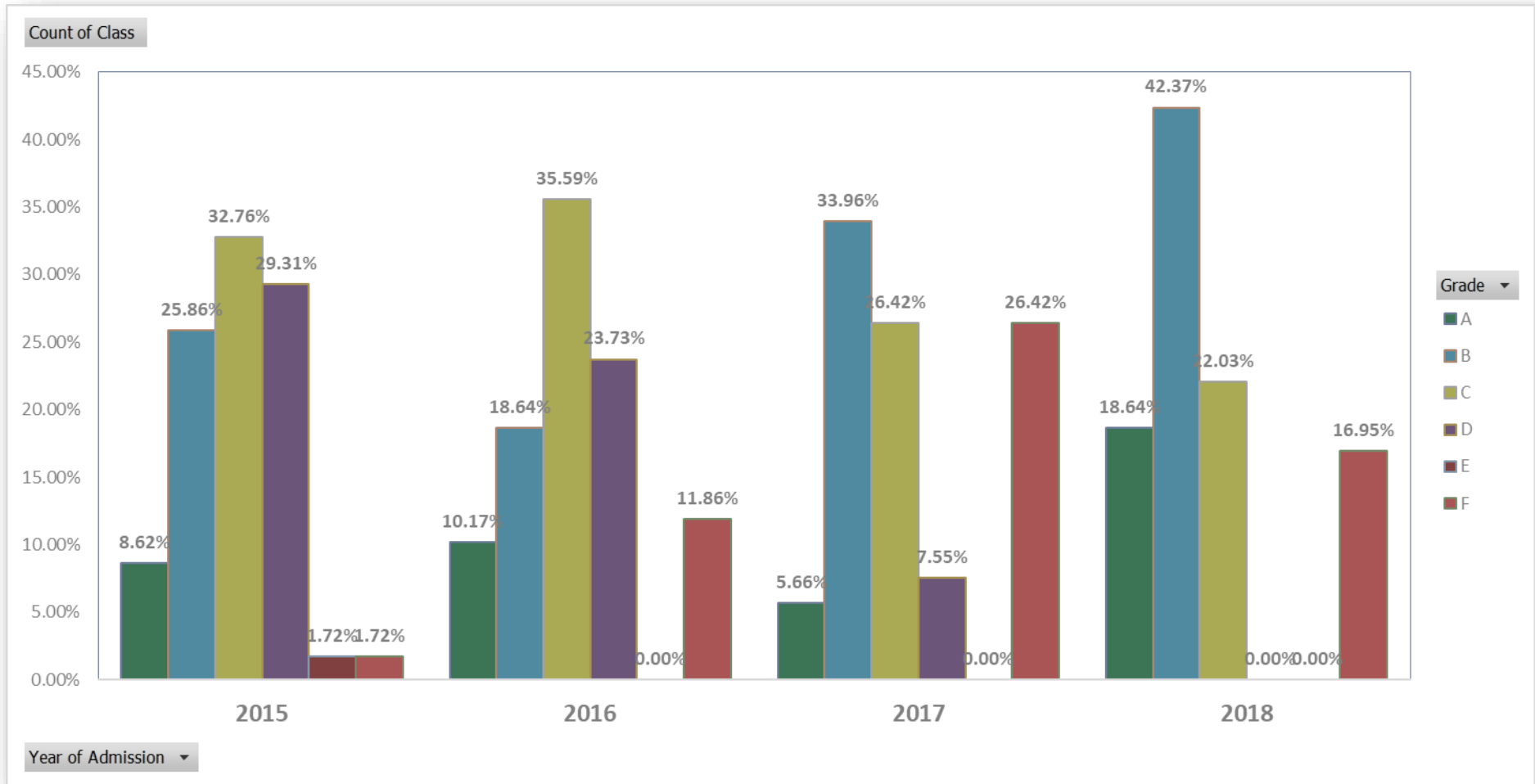


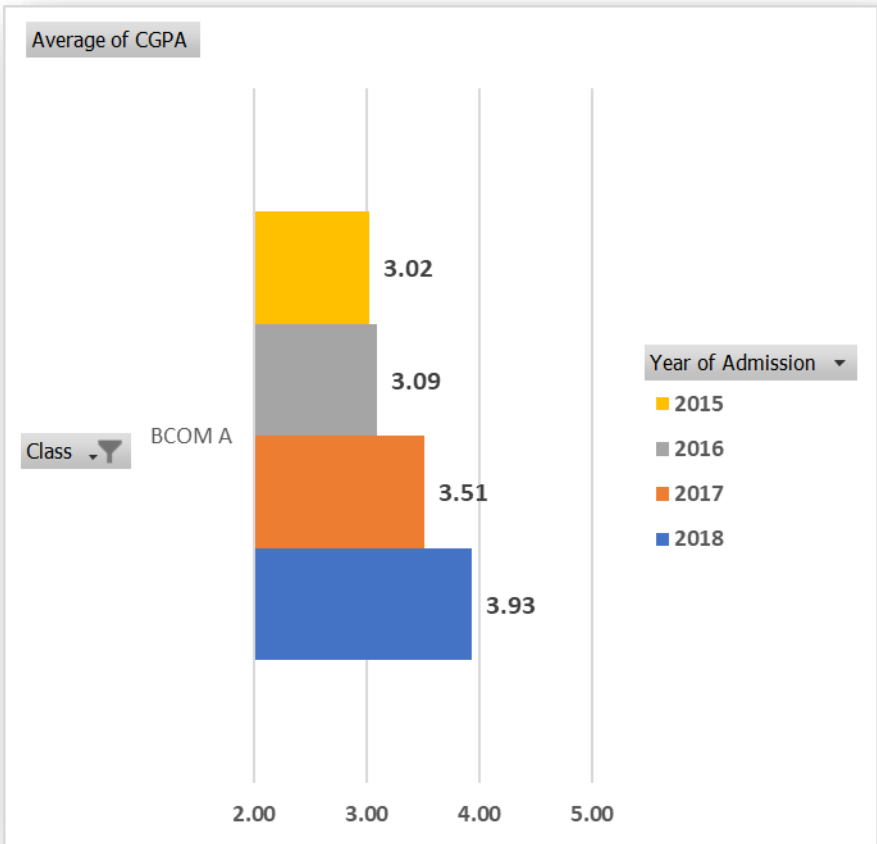
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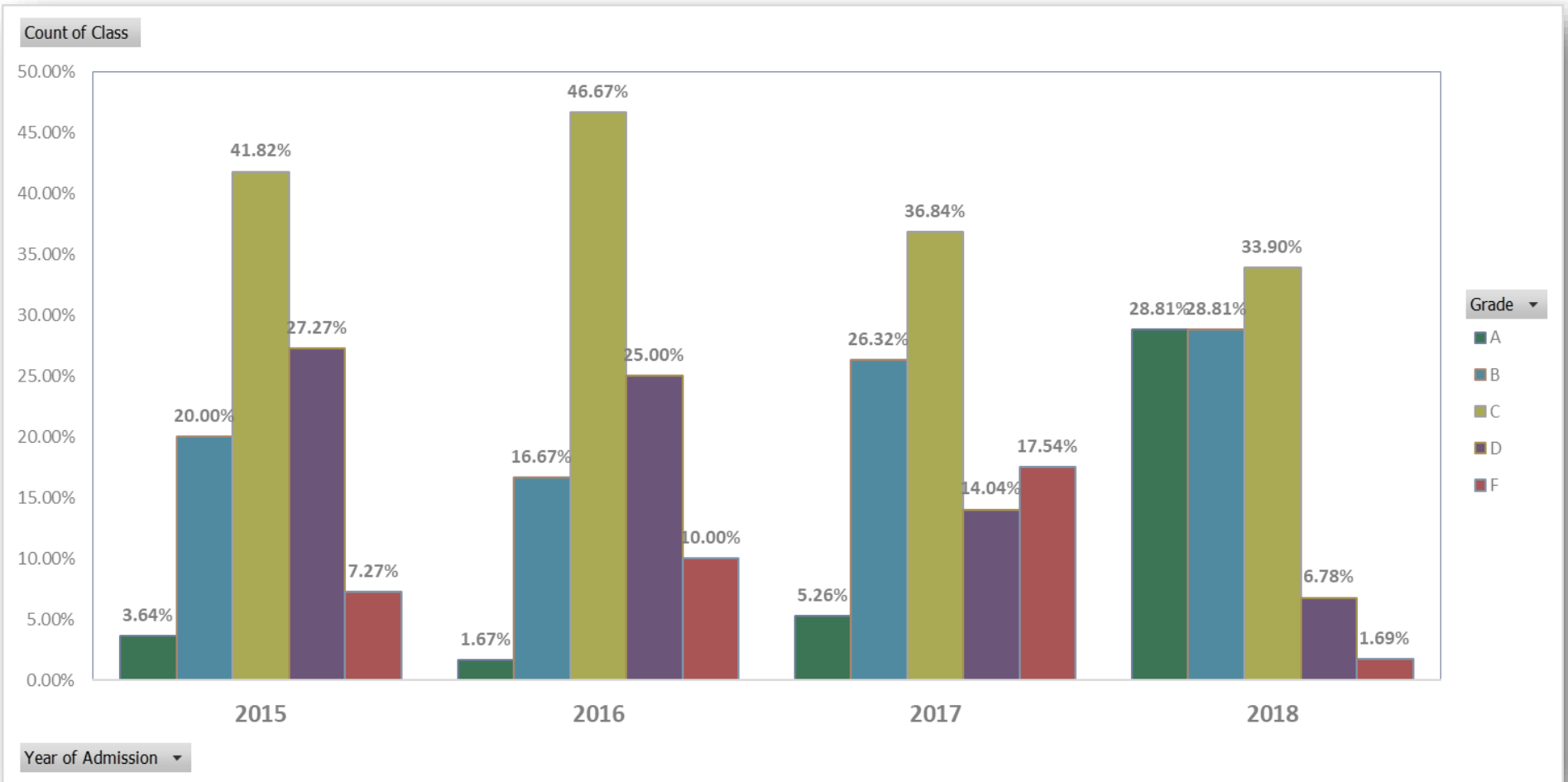


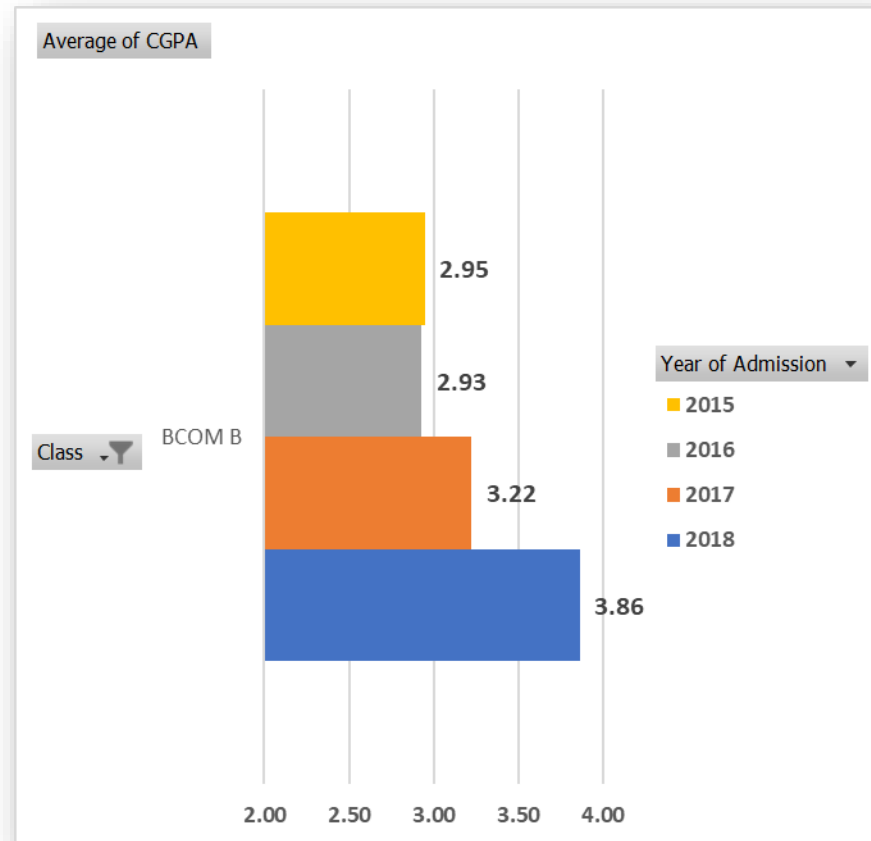
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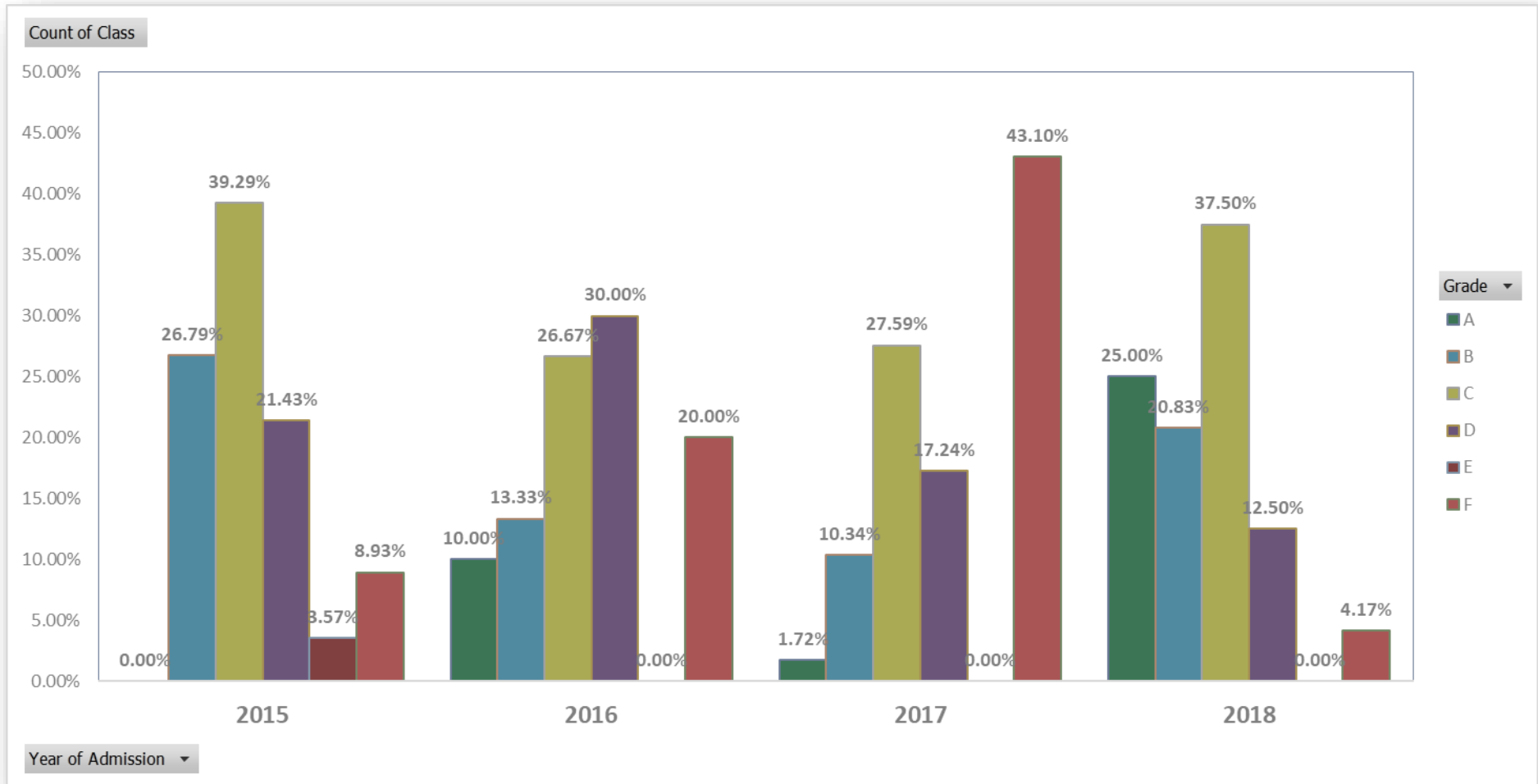


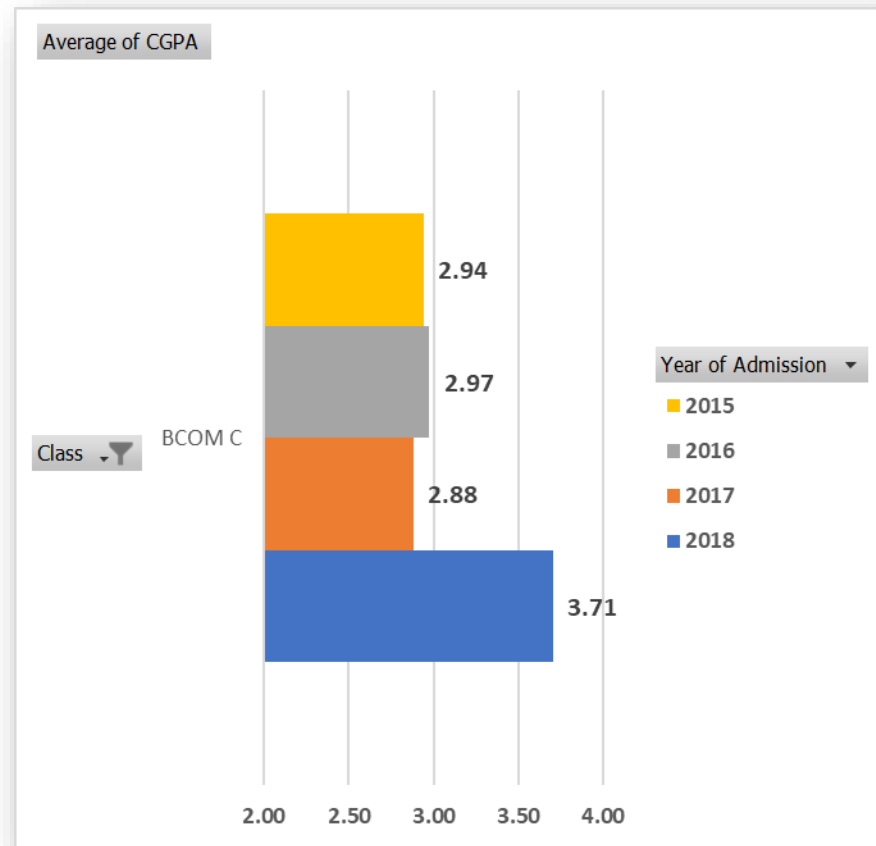
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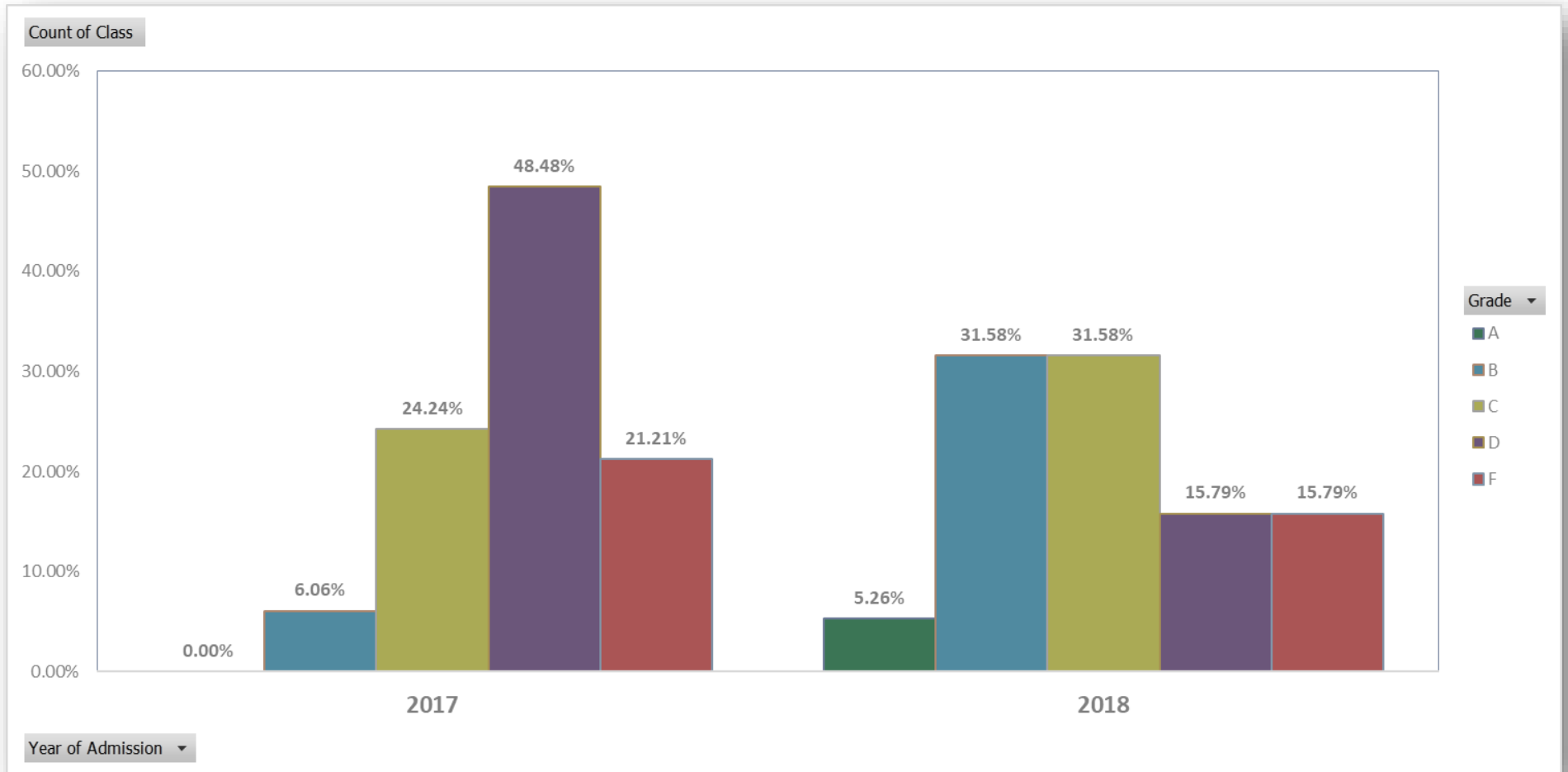


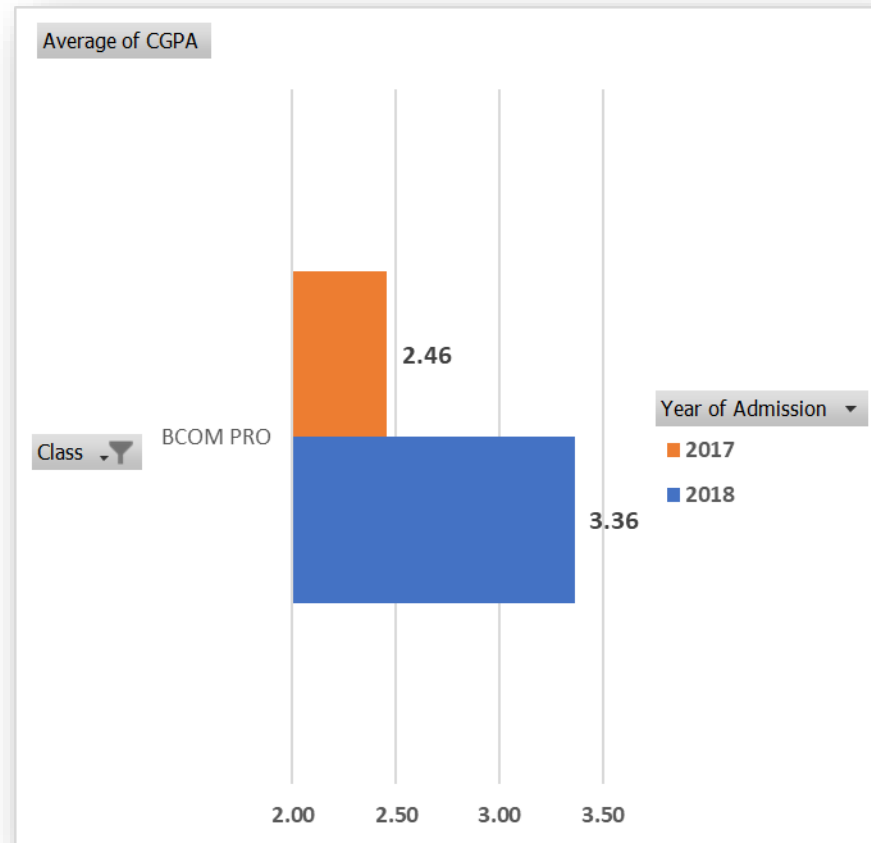
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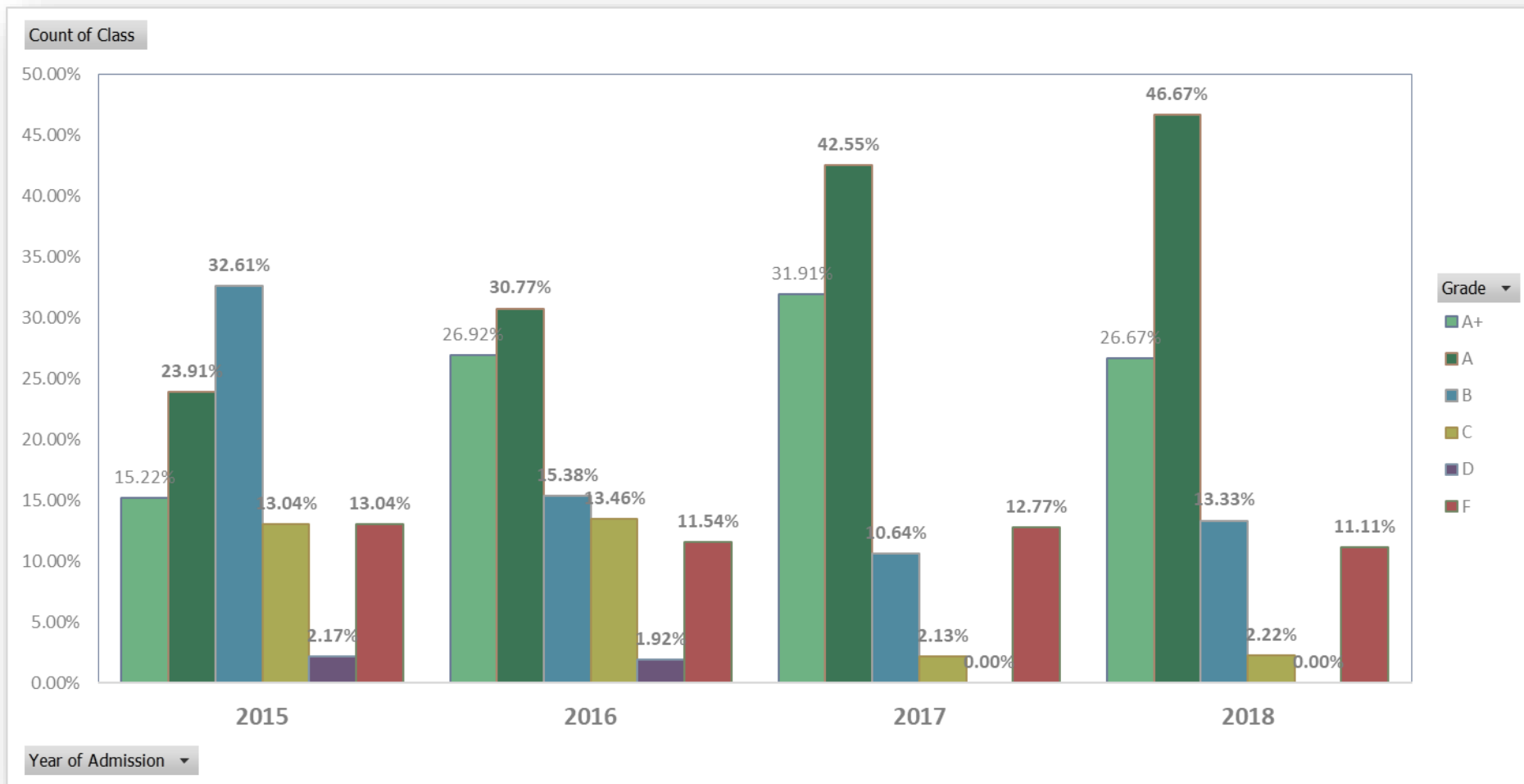


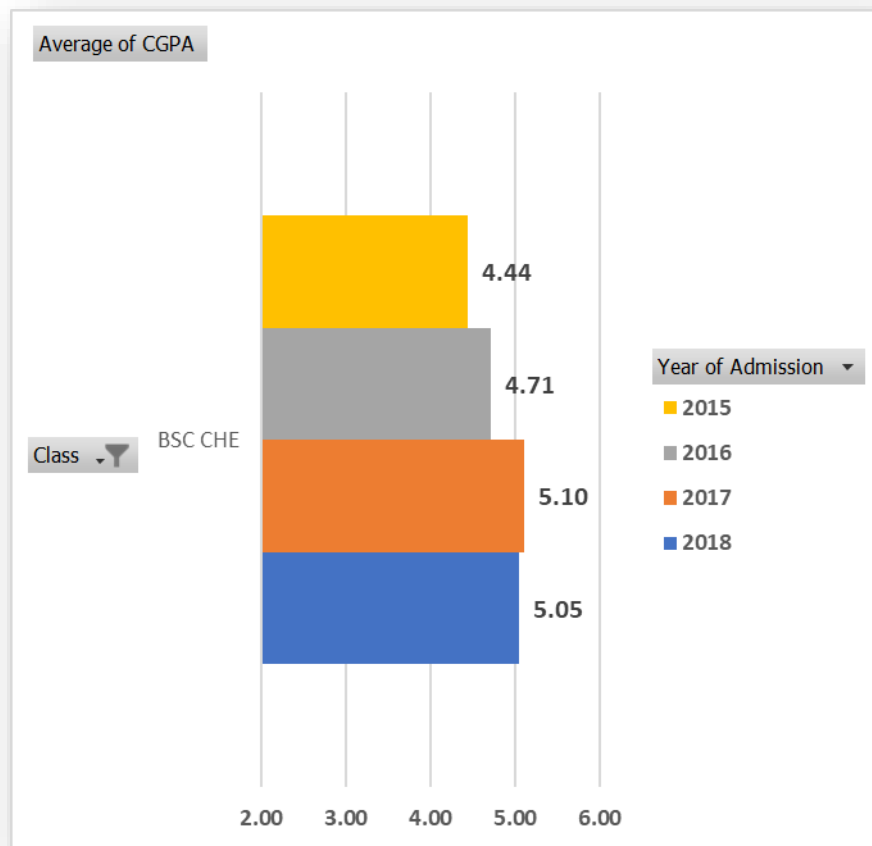
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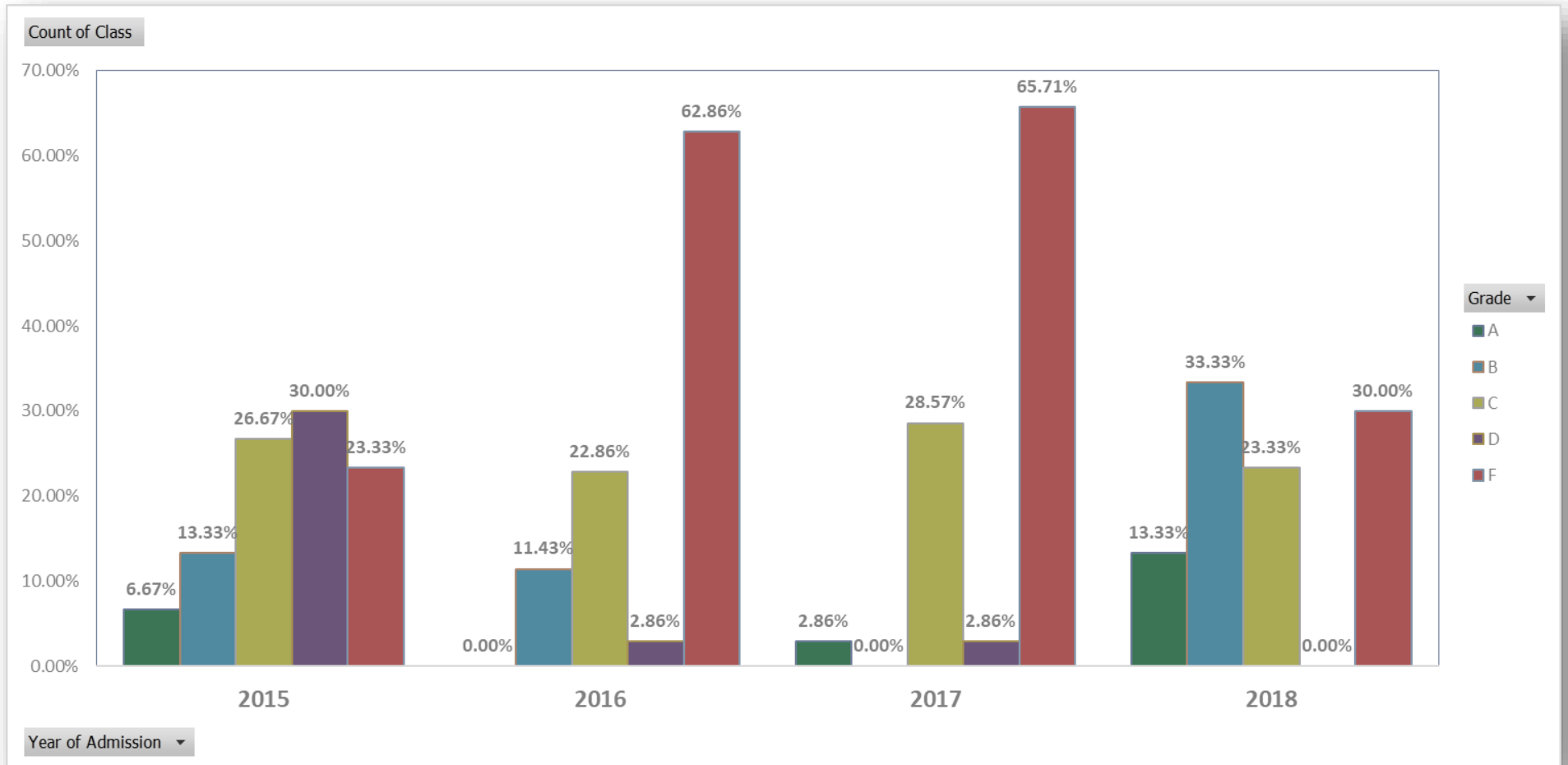


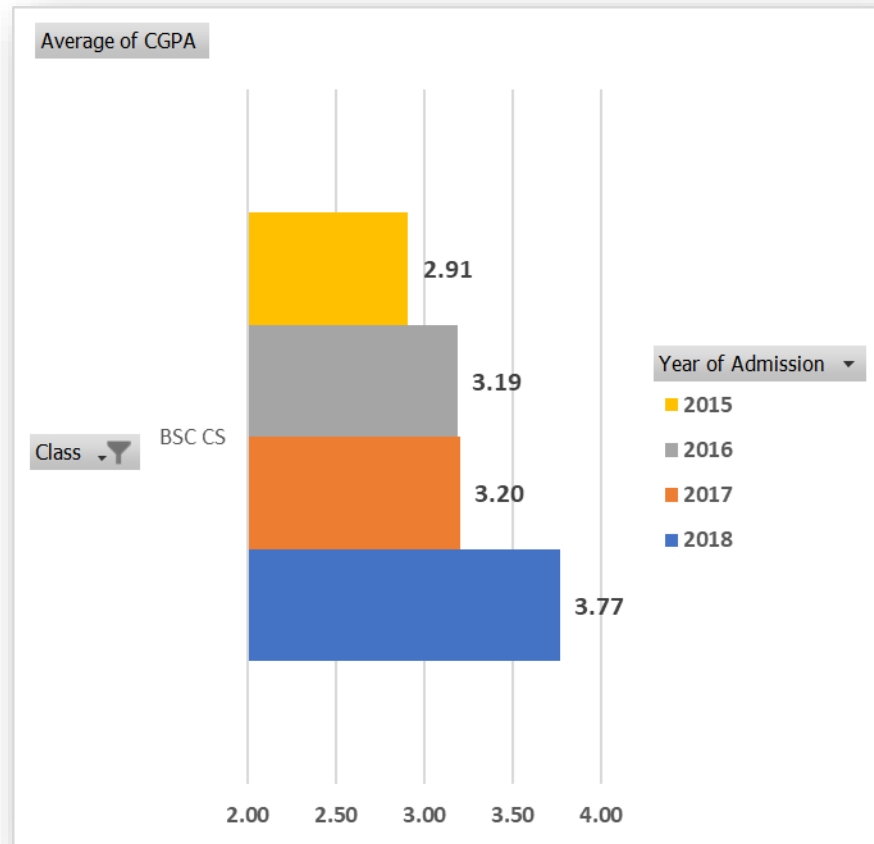
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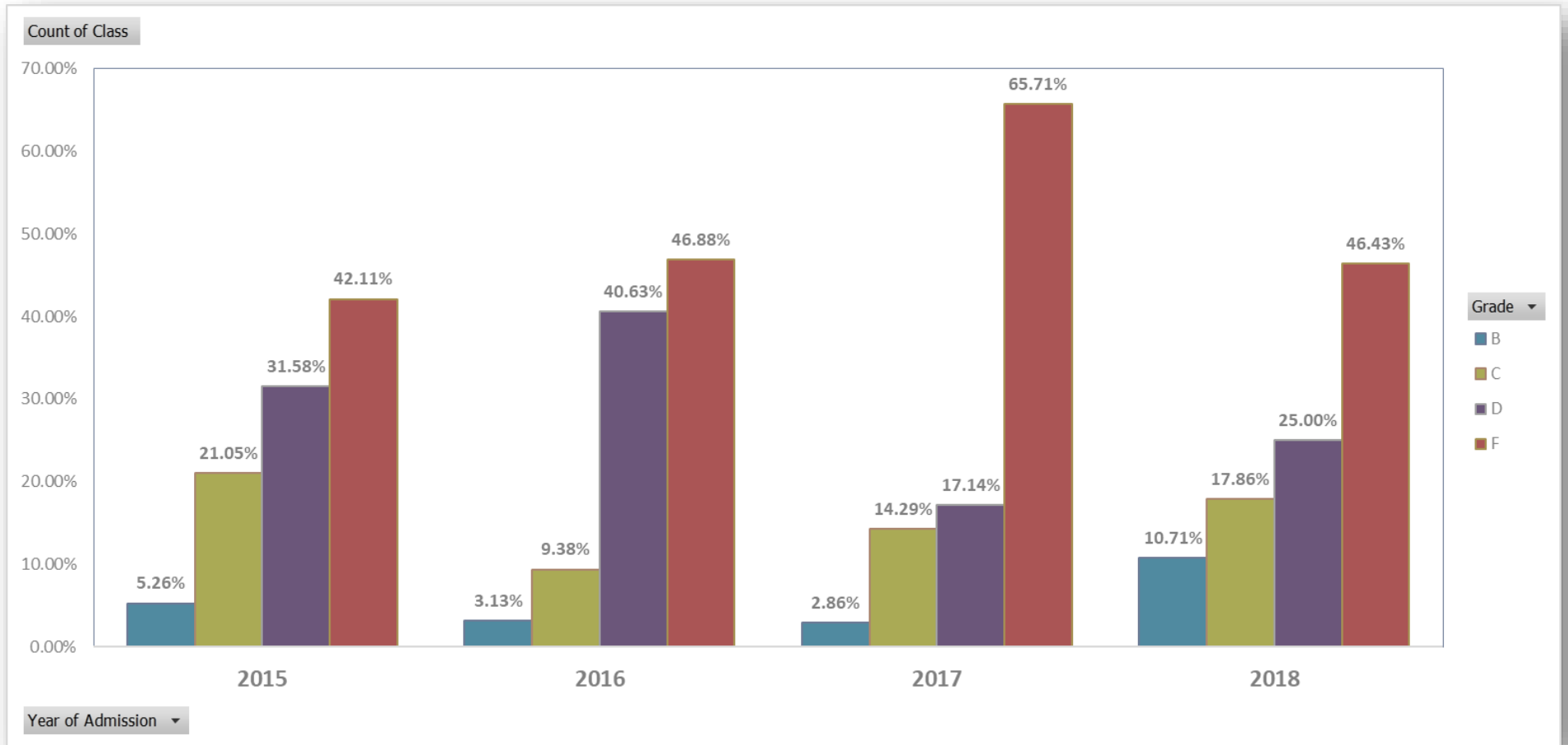


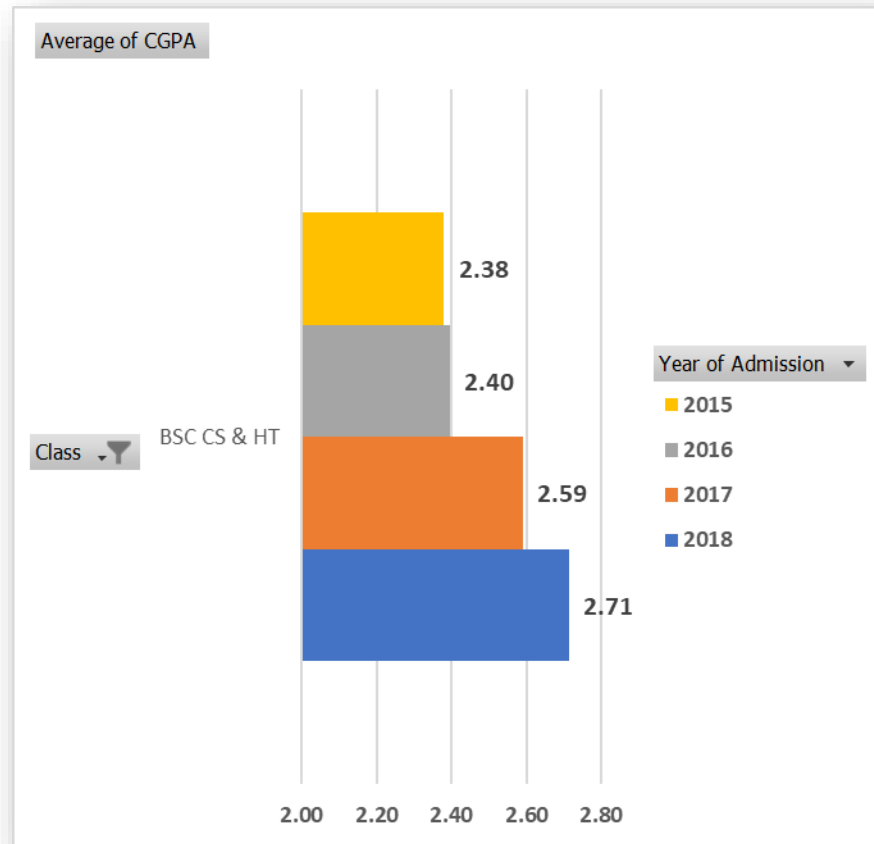
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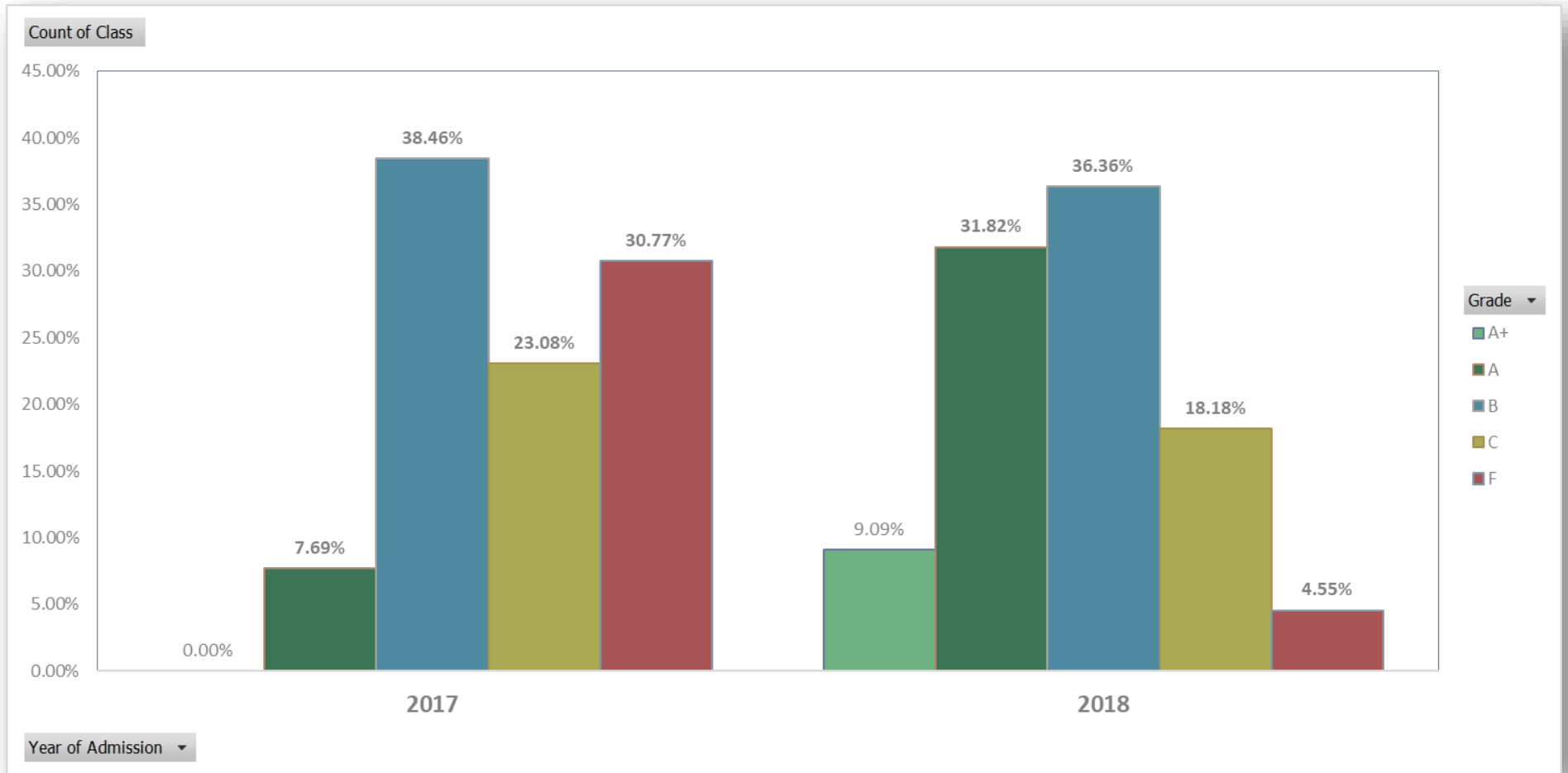


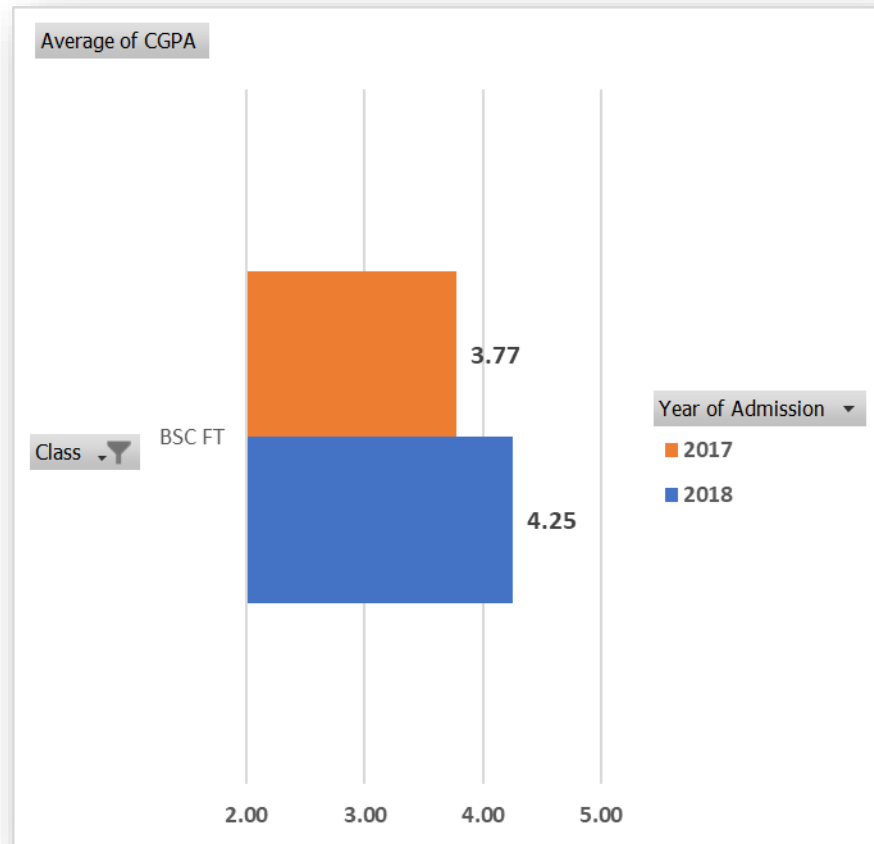
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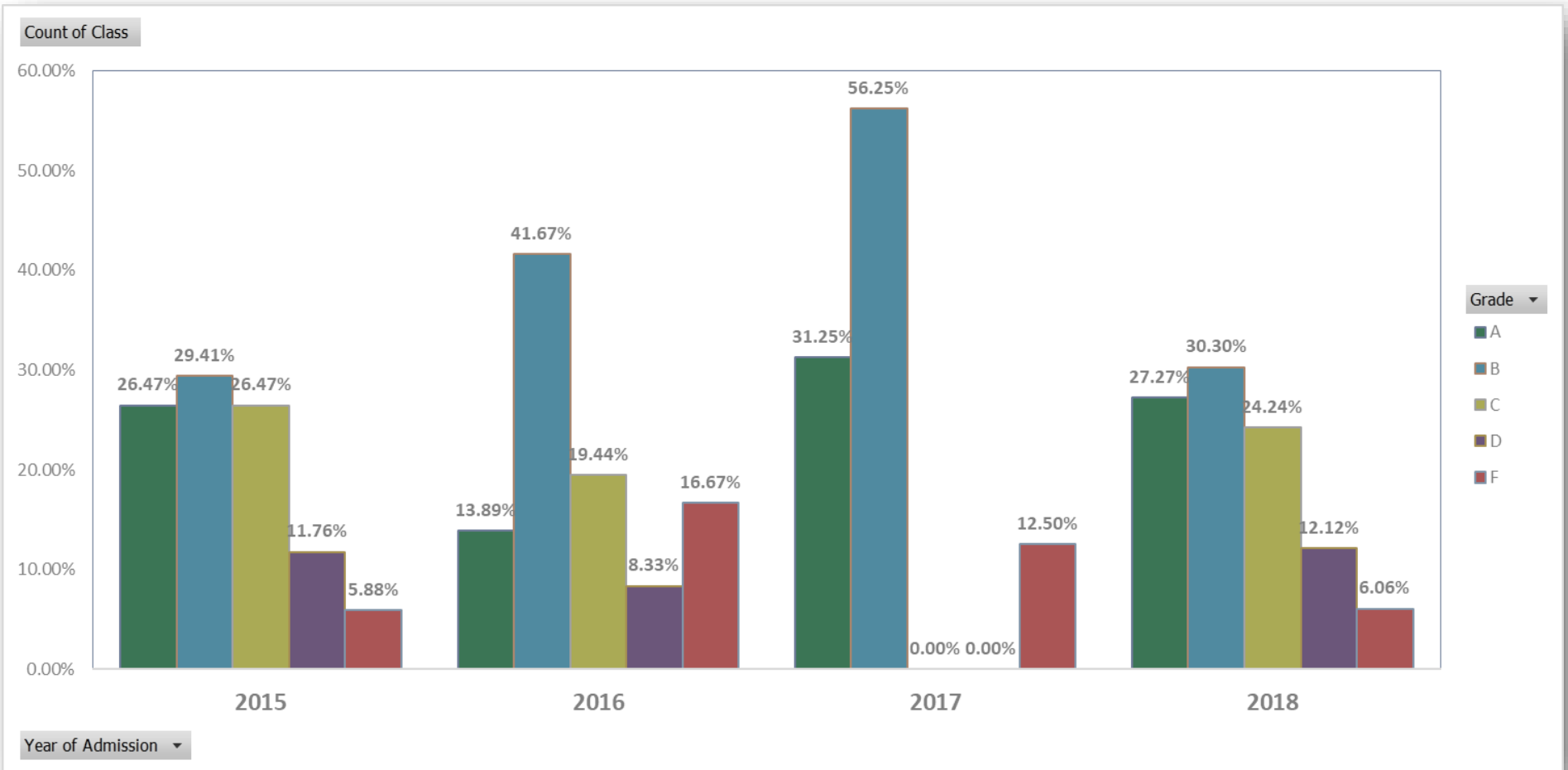


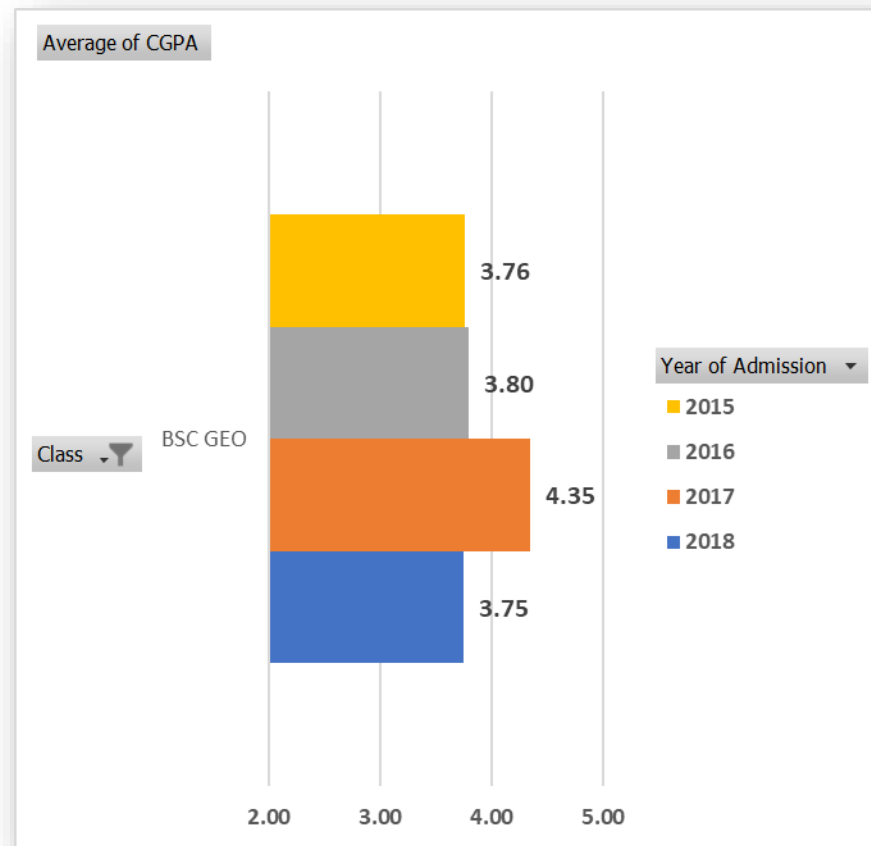
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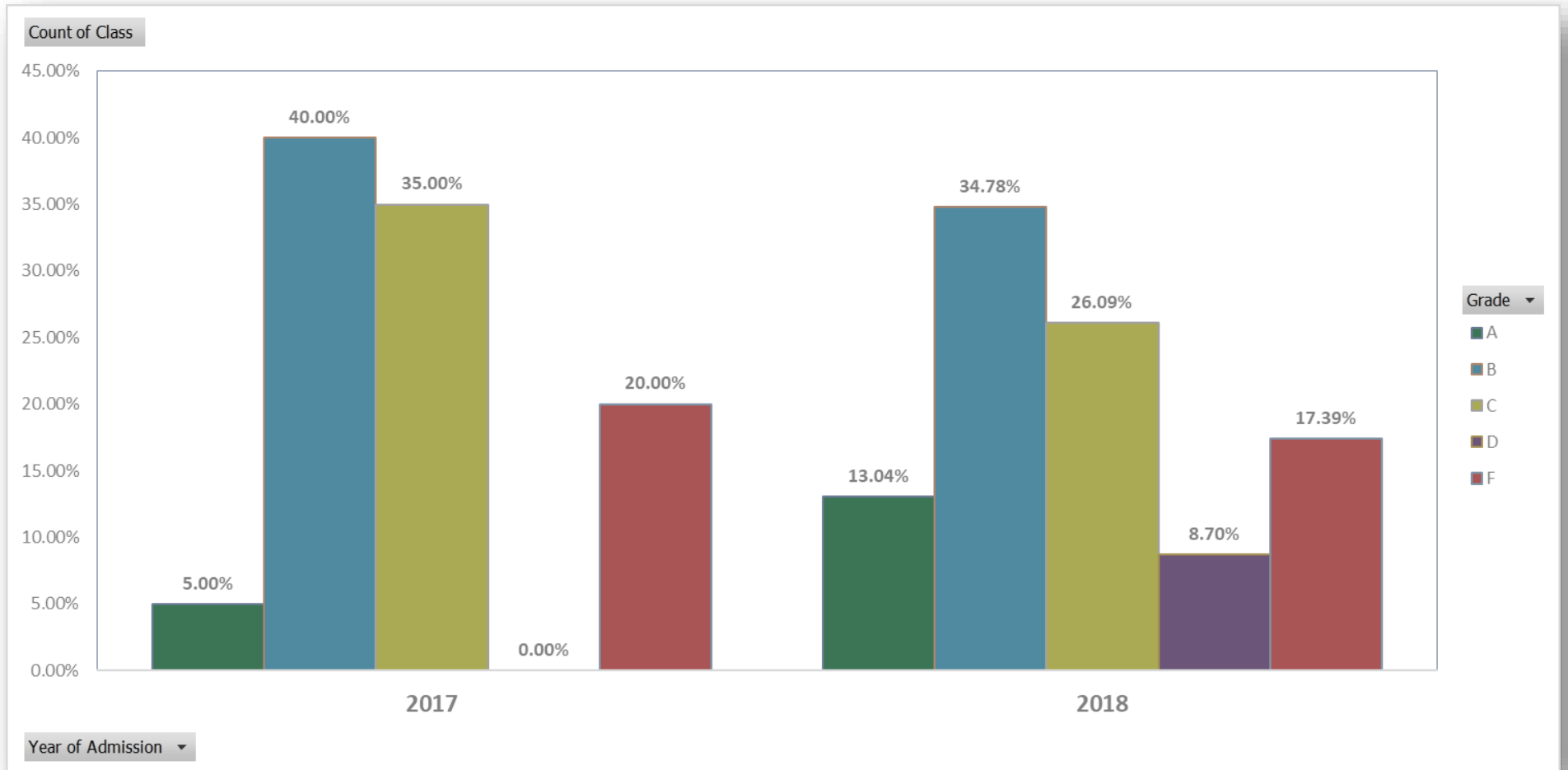


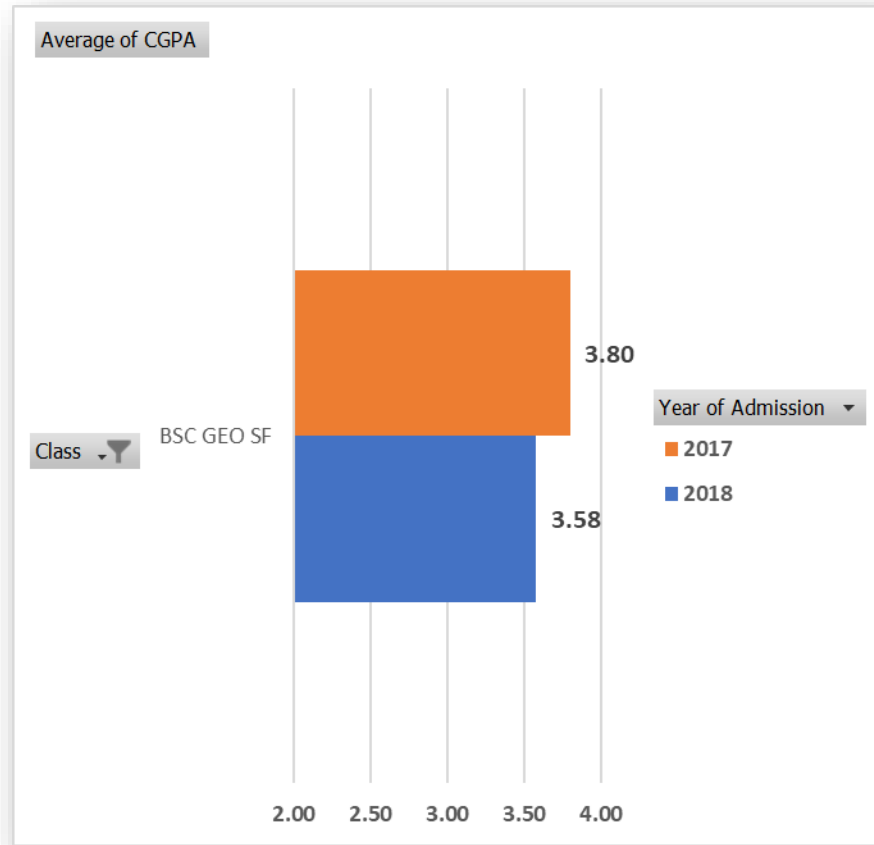
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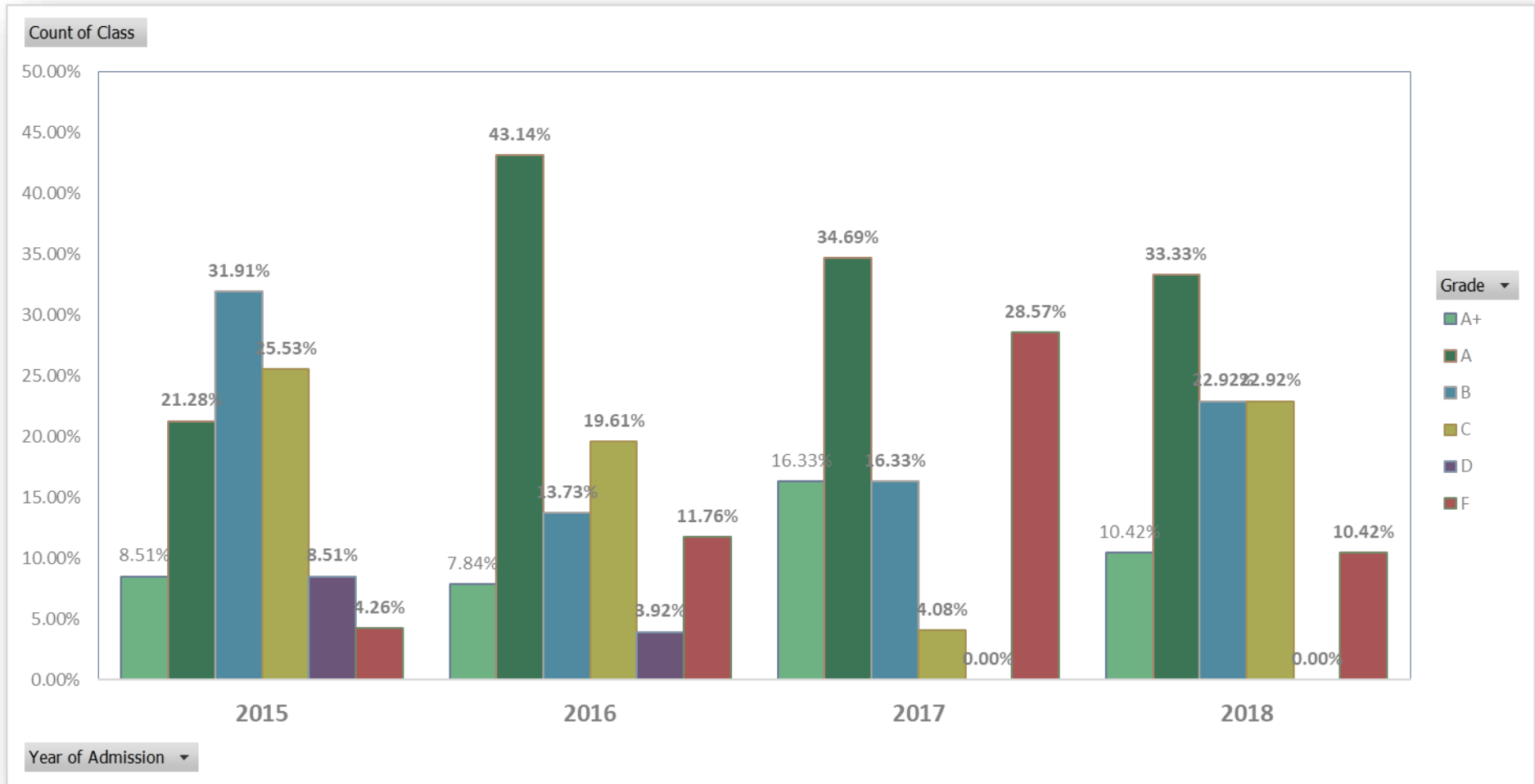


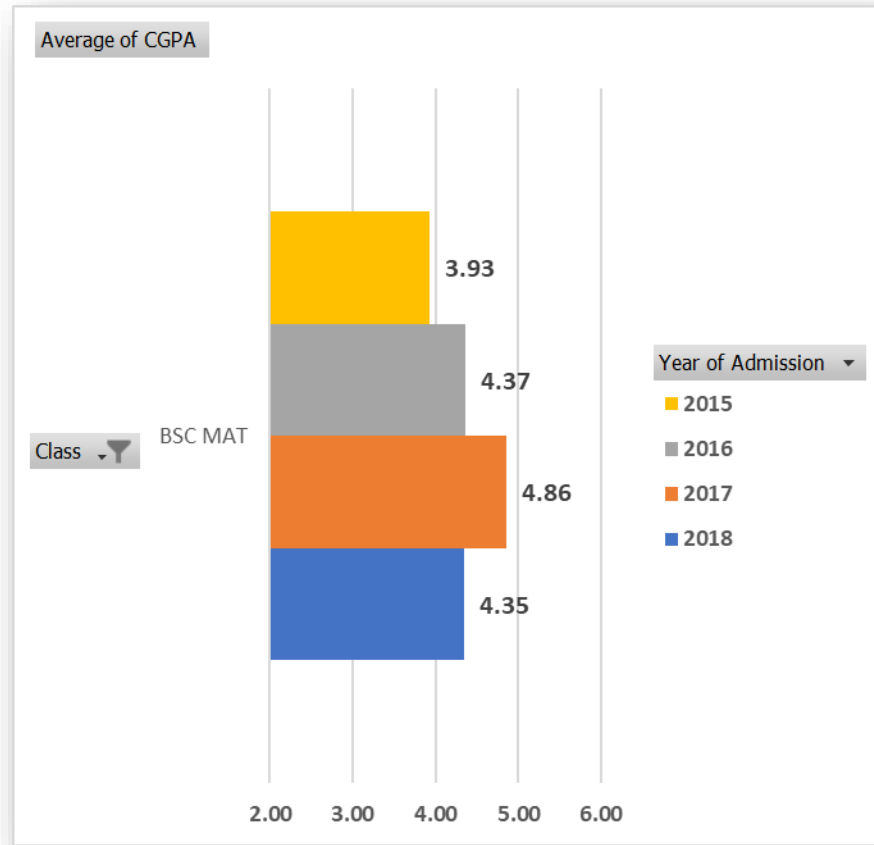
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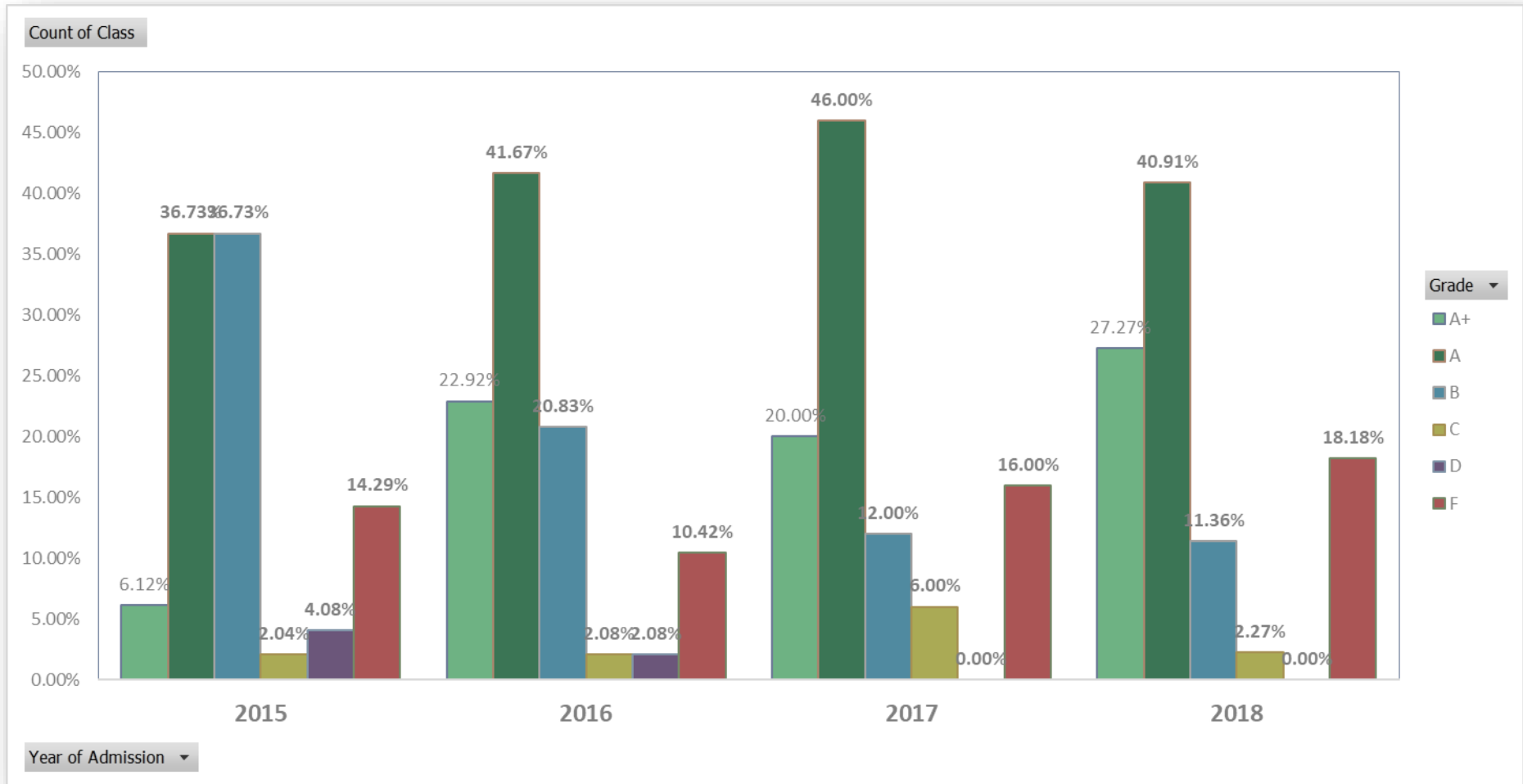


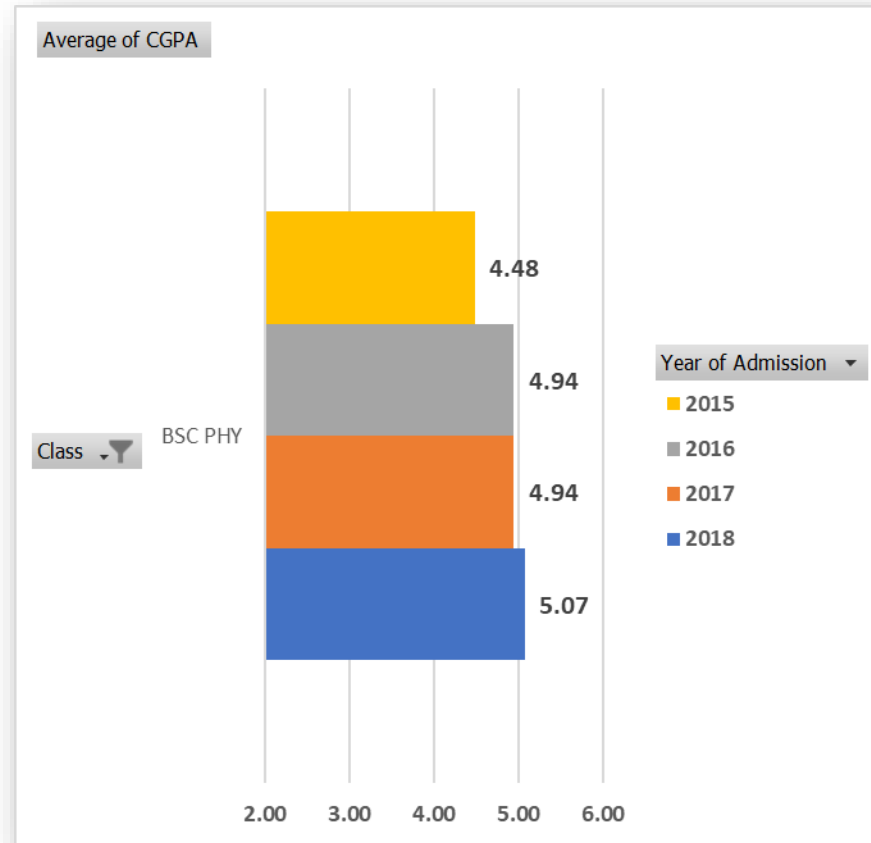
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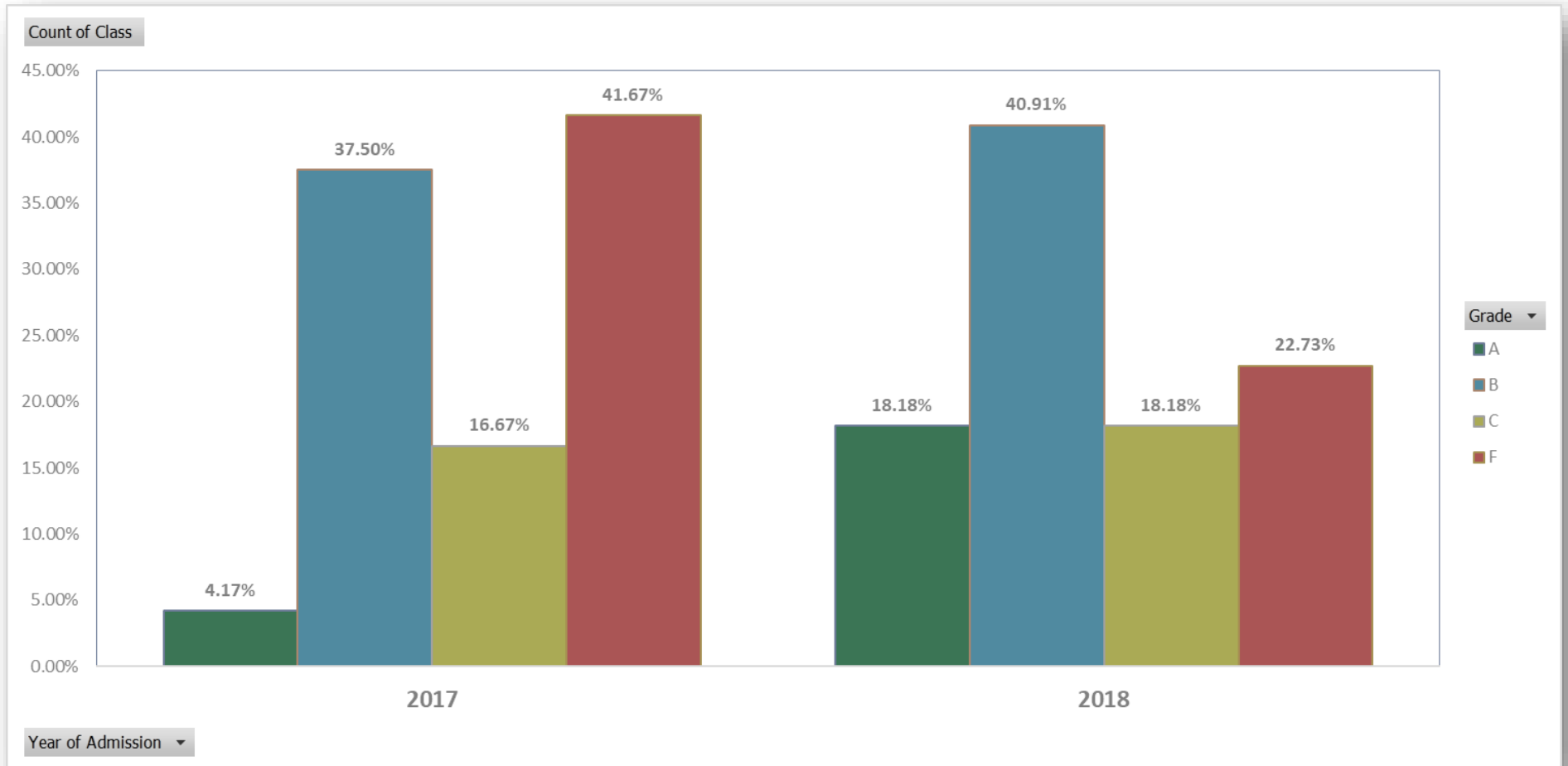


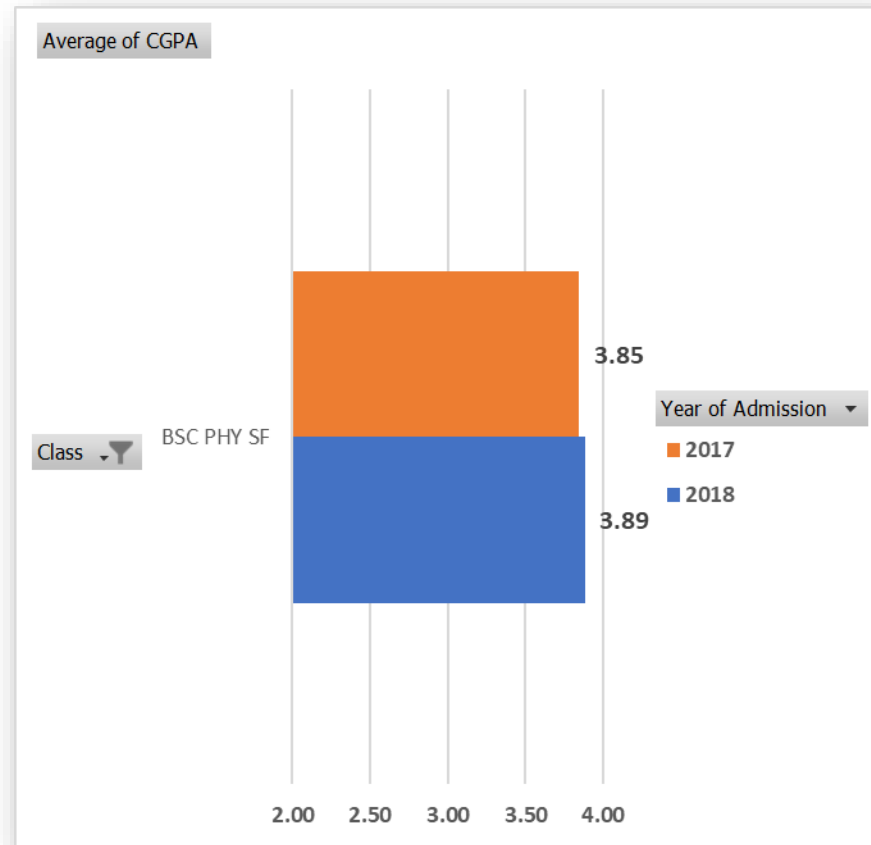
GRADE DISTRIBUTION



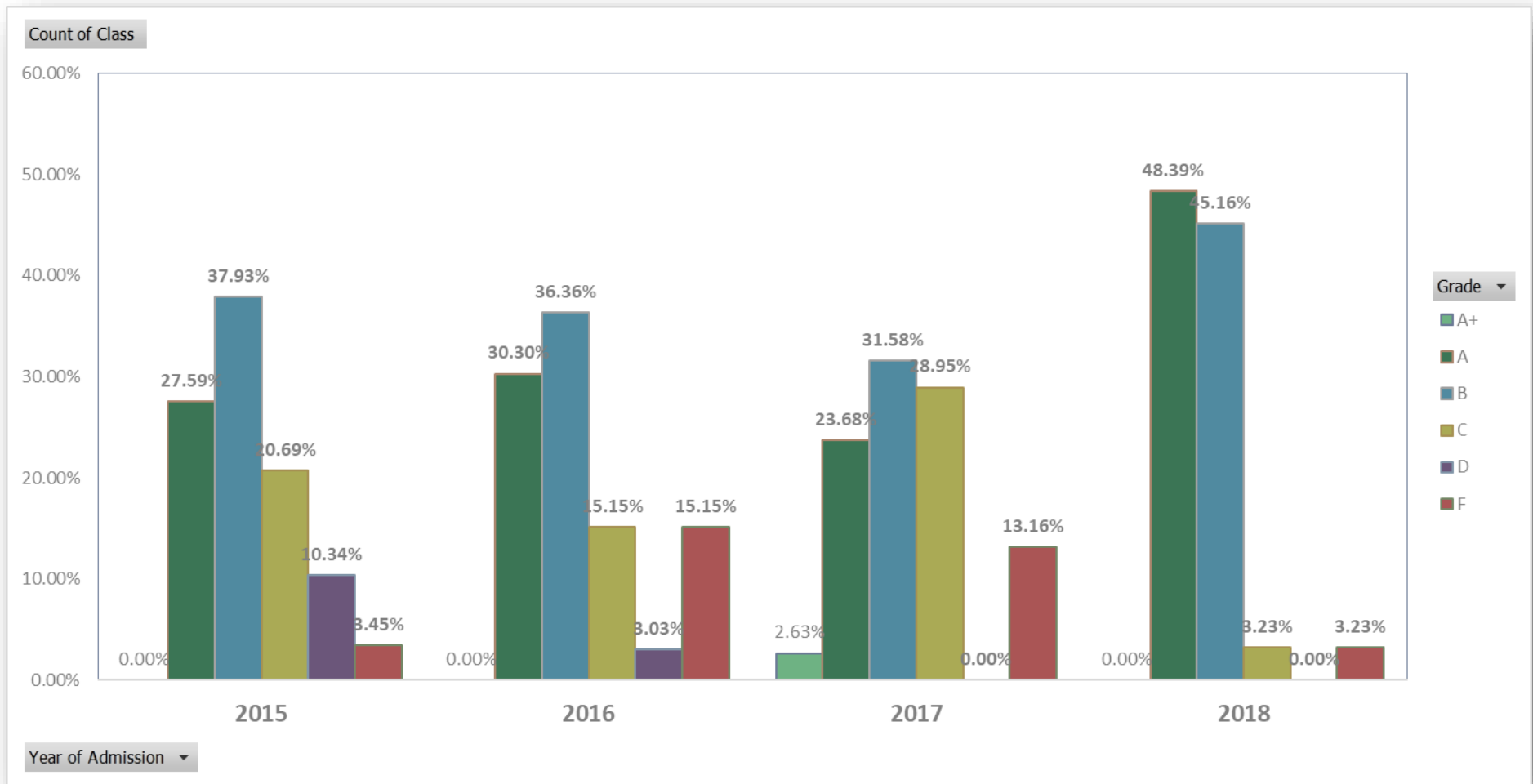


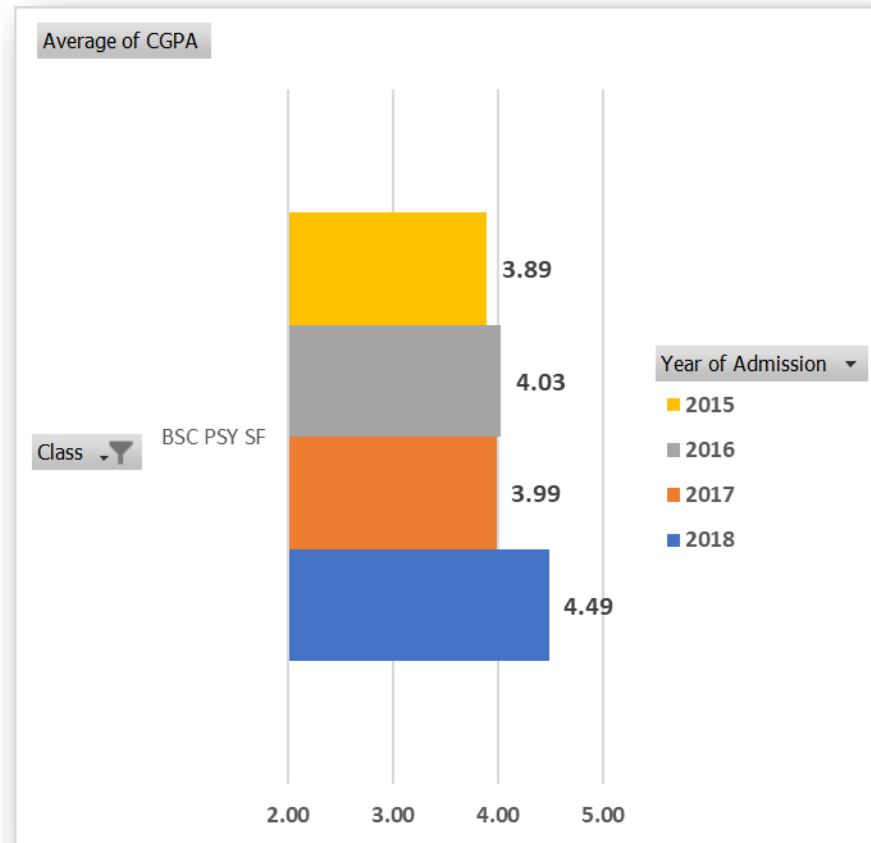
GRADE DISTRIBUTION



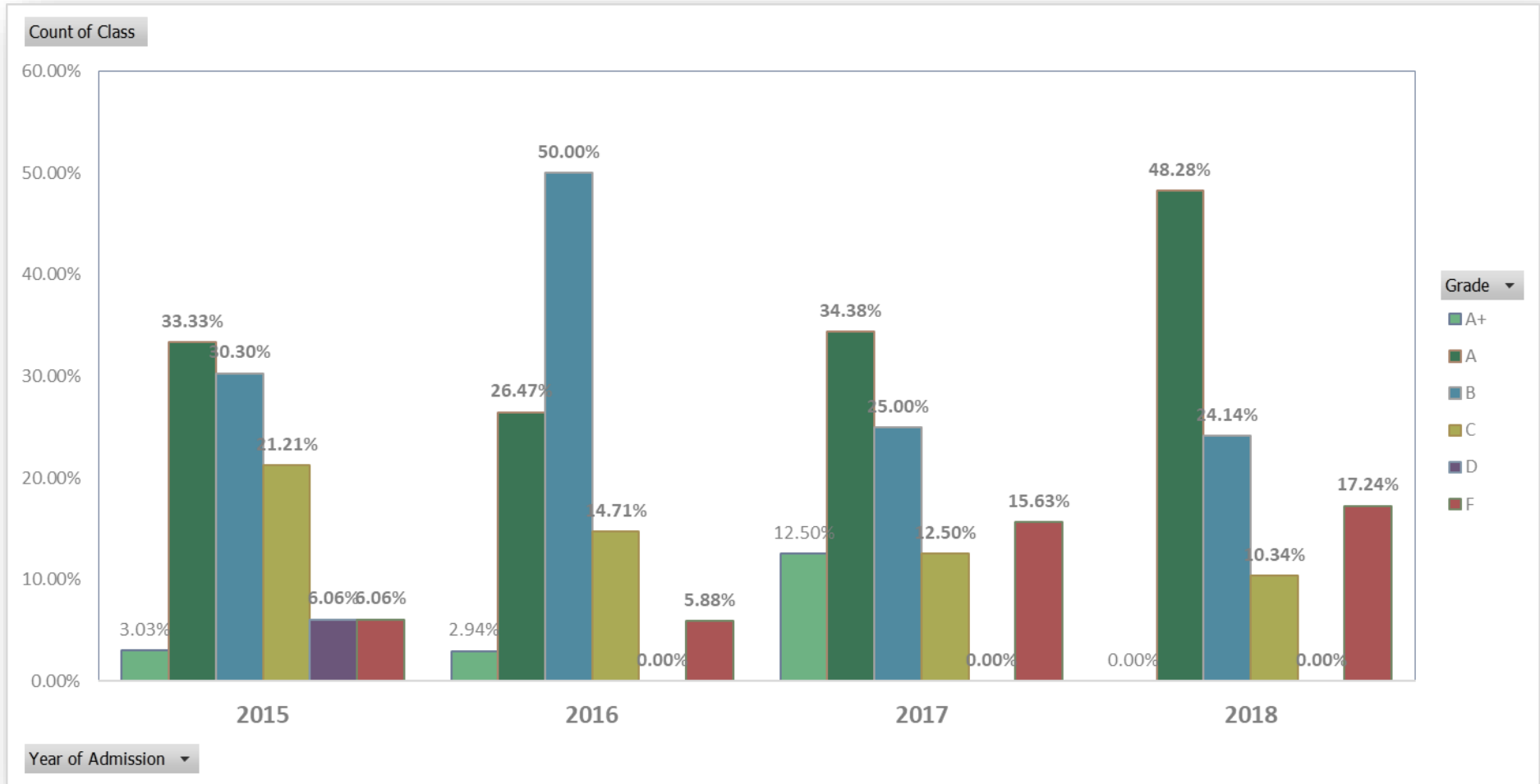


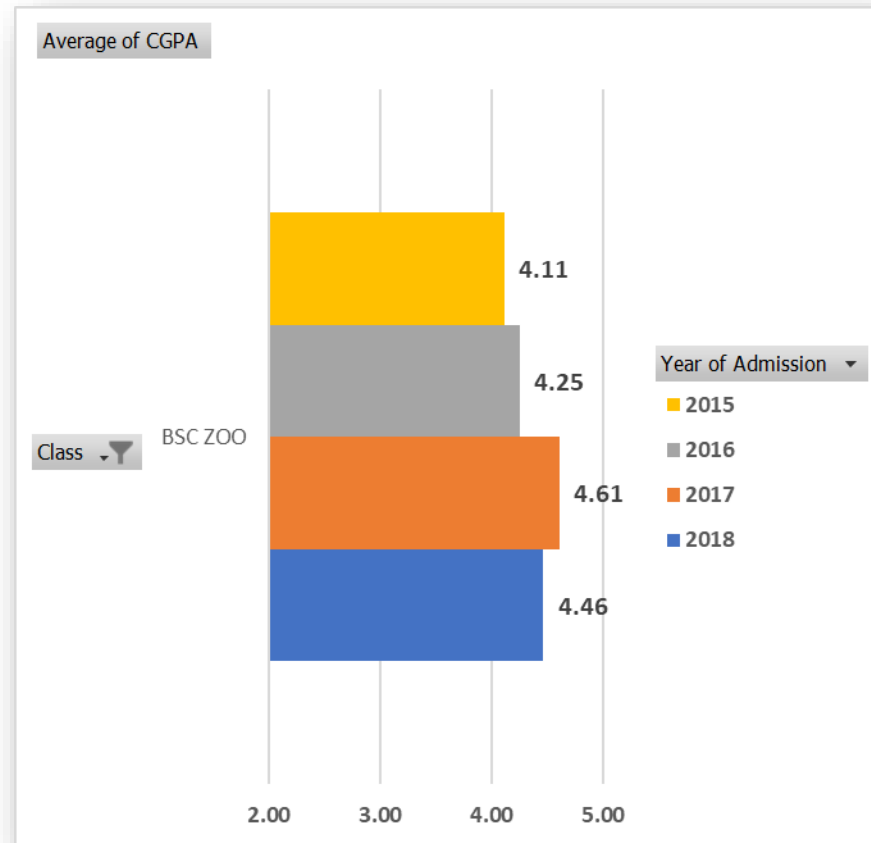
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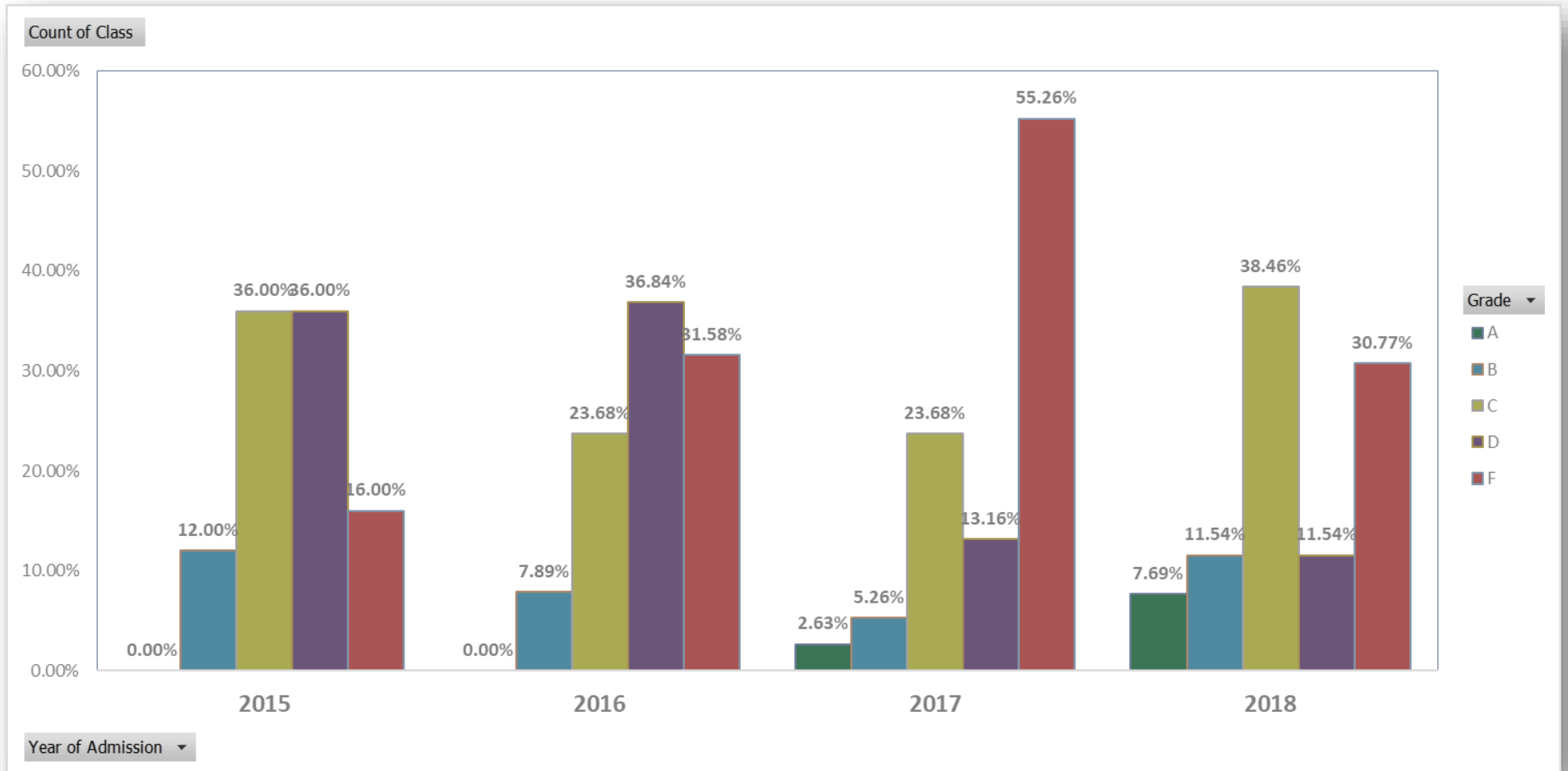


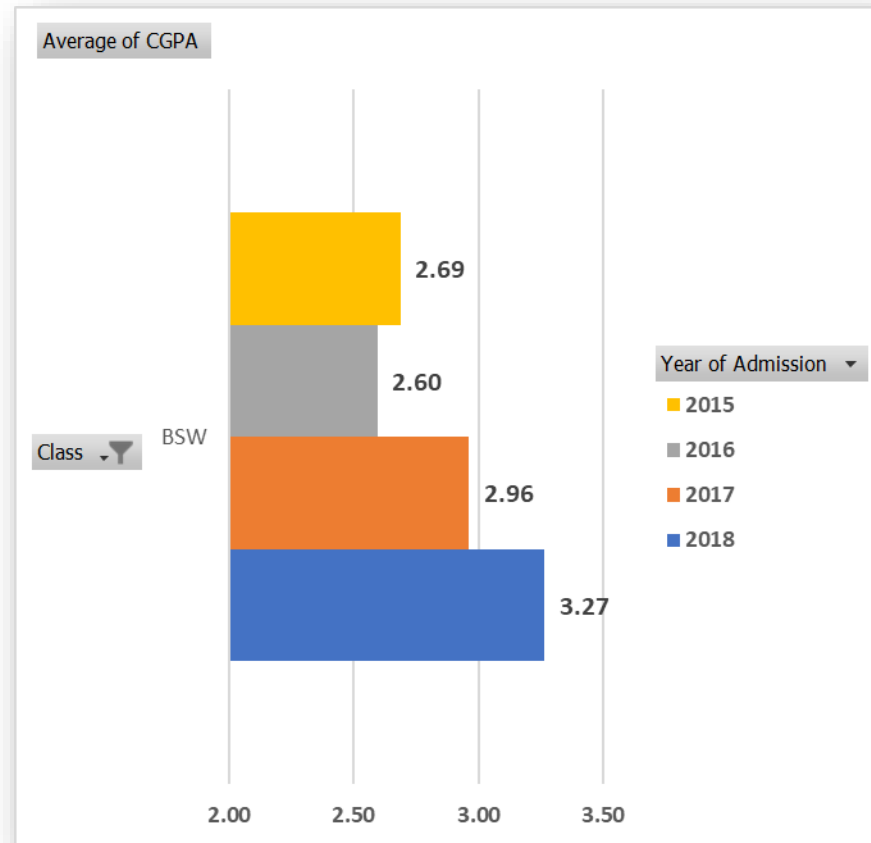
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Conclusions and Suggestions from IQAC:

1. Out of the 24 programs twenty programs has shown positive progression in the last four years.
2. The Comprehensive Result Analysis and Review started from year 2018 has shown positive results.
3. The unaided departments have shown considerable improvement in the pass percentage and also in average CGPA (cumulative grade point average).
4. The key influencers were identified and the corresponding program coordinators are informed about the corrective actions to be taken.
5. The class toppers and students showing maximum progression are to be given both certificates and cash prizes.
6. Remedial teaching for students showing negative progression.
7. Class teachers and the Director of Unaided programs has already started house visits.