## 5. Which Specialization is getting a minimum salary?

): d	alas	set-pu	read	csv("Pr	eplacemer	ntdata.c	sv")								
d			_		•										
u	atas				4	-44		1		1	h h		4		
_		sl_no		hsc_p	degree_p		mba_p		gender	ssc_b	hsc_b	hsc_s	degree_t		•
	0	1.0	67.00	91.00	58.00	55.0	58.80	270000.0	M	Others	Others	Commerce	Sci&Tech	No	-
	1	3.0	79.33 65.00	78.33 68.00	77.48 64.00	86.5 75.0	66.28 57.80	200000.0 250000.0	M M		Others Central	Science	Comm&Mgmt	Yes	
													_		
	3	4.0	56.00	52.00	52.00	66.0	59.43	265000.0	M	Central	Central	Science	Sci&Tech	No	
	4	5.0	85.80	73.60	73.30	96.8	55.50	425000.0	М	Central	Central	Commerce	Comm&Mgmt	No	ı
	•••														
2		211.0	80.60	82.00	77.60	91.0	74.49	400000.0	М	Others	Others	Commerce	Comm&Mgmt	No	ا
		212.0	58.00	60.00	72.00	74.0		275000.0	М	Others	Others	Science	Sci&Tech	No	ا
		213.0	67.00	67.00	73.00	59.0	69.72	295000.0	M	Others	Others	Commerce	Comm&Mgmt	Yes	
2	213	214.0	74.00	66.00	58.00	70.0	60.23	204000.0	F	Others	Others	Commerce	Comm&Mgmt	No	
2	14	215.0	62.00	58.00	53.00	89.0	60.22	265000.0	М	Central	Others	Science	Comm&Mgmt	No	
6	nsc_ degr etes nba_	ee_p t_p		0 0 0 0											
0 6 h	degretes bala sala gend ssc_ nsc_ degr work	ee_p t_p p ry er b s ee_t ex ialisa	tion	0 0 0 0 0 0 0											
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o e n e e e e e e e e e e e e e e e e e	degretes hba_ sala gend ssc_ hsc_ hsc_ degr vork stat typ vera vera spec Mkt& Name	ee_p t_p p rry er b s ee_t ex ialisa us e: int age_sa ialisa Fin HR : sala	64 lary_b; tion 29180 26800 ry, dt	0 0 0 0 0 0 0 0 0 0 y_speci	alisation	1					alary"]	.mean()			
o e n s o s s i h i o v s s o a a a s i i i i i i i i i i i i i i i i	degretes sala sala gend ssc_ nsc_ nsc_ degr work spec stat dtyp vera vera spec spec	ee_p t_p p rry er b s ee_t ex ialisa us e: int age_sa ialisa Fin HR : sala	lary_b lary_b tion 29180 26800 ry, dt _speci	0 0 0 0 0 0 0 0 0 0 y_speci	alisation loat64 .on=averaç	1					alary"]	.mean()			

Mkt and HR specalization is getting a minimum salary.

6. How many of them are getting above 500000 salaries?

```
In [29]: dataset=pd.read_csv("Preplacementdata.csv")
In [30]: df=dataset["salary"]
In [31]: df
         0
                 270000.0
Out[31]:
                 200000.0
          2
                 250000.0
                 265000.0
          3
          4
                 425000.0
          210 400000.0
          211
               275000.0
                295000.0
          212
          213
                 204000.0
         214
                265000.0
         Name: salary, Length: 215, dtype: float64
In [32]: df.max()
Out[32]: 940000.0
In [33]: df[df>500000].count()
Out[33]: 3
         Three students are getting the above 5,00,000 salaries. It is from the preprocessed dataset.
 In [ ]:
 In [ ]:
 In [ ]:
```

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