

```

1 import pandas as pd
2 df =pd.read_csv('data.csv.csv')
3 print(df.head())
4 print(df.shape)
5 print(df.describe())

```

1		0.8637			
2		0.6721			
3		-0.9194			
4		-0.1295			

[5 rows x 39 columns]

	ID	Salary	10percentage	12graduation	12percentage	\
count	3.998000e+03	3.998000e+03	3998.000000	3998.000000	3998.000000	
mean	6.637945e+05	3.076998e+05	77.925443	2008.087544	74.466366	
std	3.632182e+05	2.127375e+05	9.850162	1.653599	10.999933	
min	1.124400e+04	3.500000e+04	43.000000	1995.000000	40.000000	
25%	3.342842e+05	1.800000e+05	71.680000	2007.000000	66.000000	
50%	6.396000e+05	3.000000e+05	79.150000	2008.000000	74.400000	
75%	9.904800e+05	3.700000e+05	85.670000	2009.000000	82.600000	
max	1.298275e+06	4.000000e+06	97.760000	2013.000000	98.700000	

	CollegeID	CollegeTier	collegeGPA	CollegeCityID	CollegeCityTier	\
count	3998.000000	3998.000000	3998.000000	3998.000000	3998.000000	
mean	5156.851426	1.925713	71.486171	5156.851426	0.300400	
std	4802.261482	0.262270	8.167338	4802.261482	0.458489	
min	2.000000	1.000000	6.450000	2.000000	0.000000	
25%	494.000000	2.000000	66.407500	494.000000	0.000000	
50%	3879.000000	2.000000	71.720000	3879.000000	0.000000	
75%	8818.000000	2.000000	76.327500	8818.000000	1.000000	
max	18409.000000	2.000000	99.930000	18409.000000	1.000000	

	... ComputerScience	MechanicalEngg	ElectricalEngg	TelecomEngg	\
count	... 3998.000000	3998.000000	3998.000000	3998.000000	
mean	... 90.742371	22.974737	16.478739	31.851176	
std	... 175.273083	98.123311	87.585634	104.852845	
min	... -1.000000	-1.000000	-1.000000	-1.000000	
25%	... -1.000000	-1.000000	-1.000000	-1.000000	
50%	... -1.000000	-1.000000	-1.000000	-1.000000	
75%	... -1.000000	-1.000000	-1.000000	-1.000000	
max	... 715.000000	623.000000	676.000000	548.000000	

	CivilEngg	conscientiousness	agreeableness	extraversion	\
count	3998.000000	3998.000000	3998.000000	3998.000000	
mean	2.683842	-0.037831	0.146496	0.002763	
std	36.658505	1.028666	0.941782	0.951471	
min	-1.000000	-4.126700	-5.781600	-4.600900	
25%	-1.000000	-0.713525	-0.287100	-0.604800	
50%	-1.000000	0.046400	0.212400	0.091400	
75%	-1.000000	0.702700	0.812800	0.672000	
max	516.000000	1.995300	1.904800	2.535400	

	nueroticism	openness_to_experience			
count	3998.000000	3998.000000			
mean	-0.169033	-0.138110			
std	1.007580	1.008075			
min	-2.643000	-7.375700			
25%	-0.868200	-0.669200			
50%	-0.234400	-0.094300			
75%	0.526200	0.502400			
max	3.352500	1.822400			

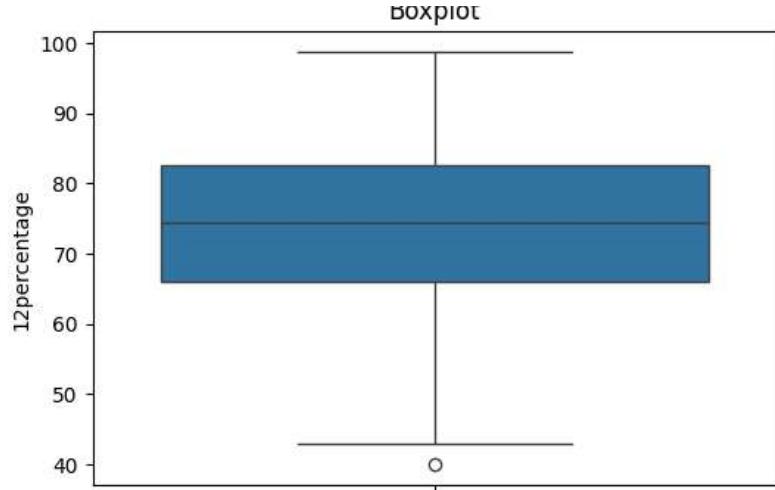
[8 rows x 27 columns]

```

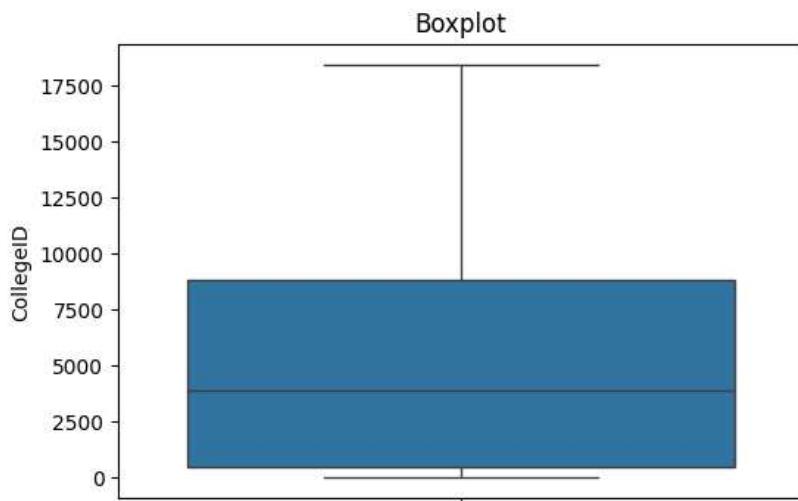
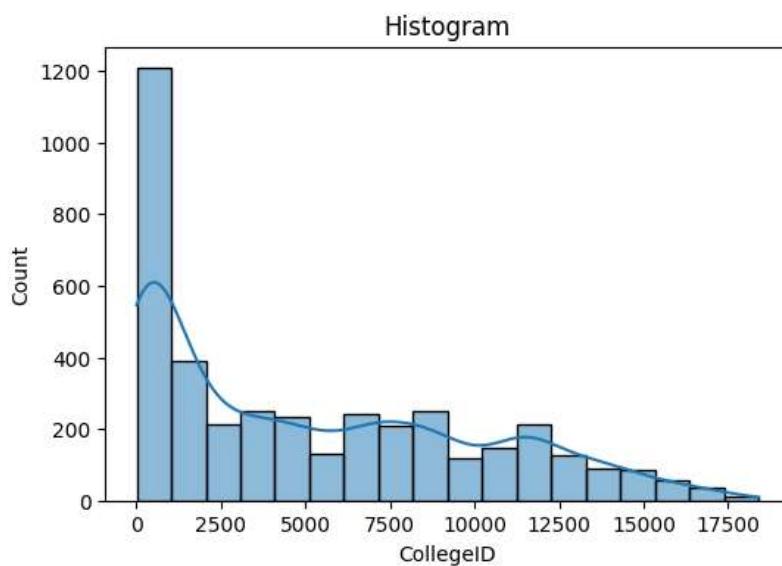
1 import pandas as pd
2 import matplotlib.pyplot as plt
3 import seaborn as sns
4 data = pd.read_csv('data.csv.csv')
5
6 for col in data.select_dtypes(include=['int64', 'float64']).columns:
7     print(f"Column: {col}")
8
9     plt.figure(figsize=(6,4))
10    sns.histplot(data[col], kde=True)
11    plt.title('Histogram')
12    plt.show()
13
14    # options

```

```
14     # outliers
15     plt.figure(figsize=(6,4))
16     sns.boxplot(data[col])
17     plt.title('Boxplot')
18     plt.show()
19
20     # Print the description of the data
21     print(data[col].describe())
22     print("\n---\n")
23
24 # categorical column
25 for col in data.select_dtypes(include=['object']).columns:
26     print(f"Column: {col}")
27
28     # Plot Countplot
29     plt.figure(figsize=(6,4))
30     sns.countplot(data[col])
31     plt.title('Countplot')
32     plt.xticks(rotation=90)
33     plt.show()
34
35     # Print the frequency of each category
36     print(data[col].value_counts())
37     print("\n---\n")
38
```

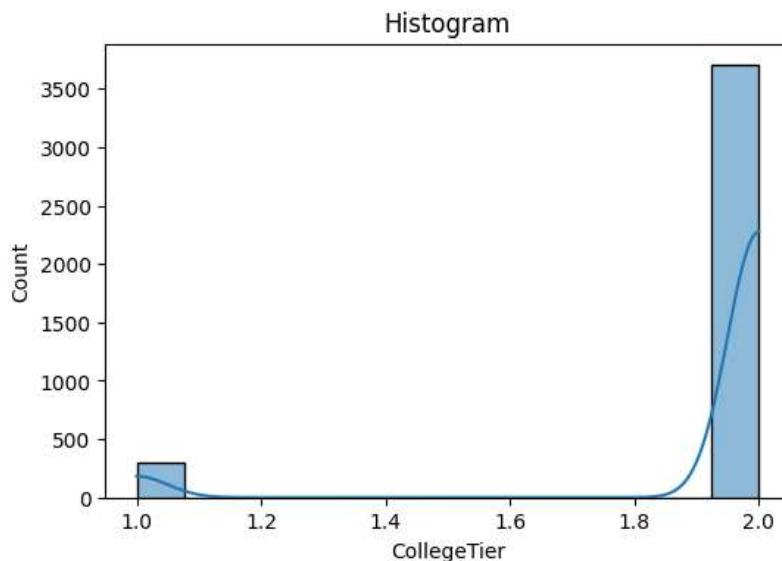


Column: CollegeID



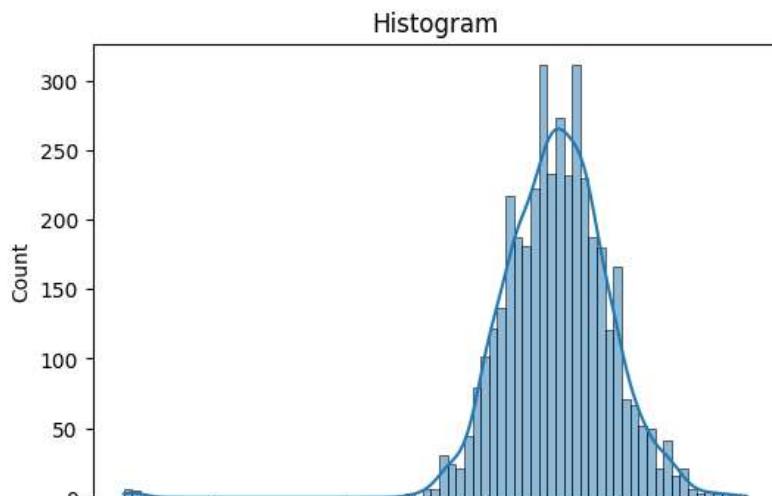
```
      8810.000000  
max     18409.000000  
Name: CollegeID, dtype: float64
```

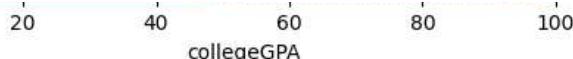
Column: CollegeTier



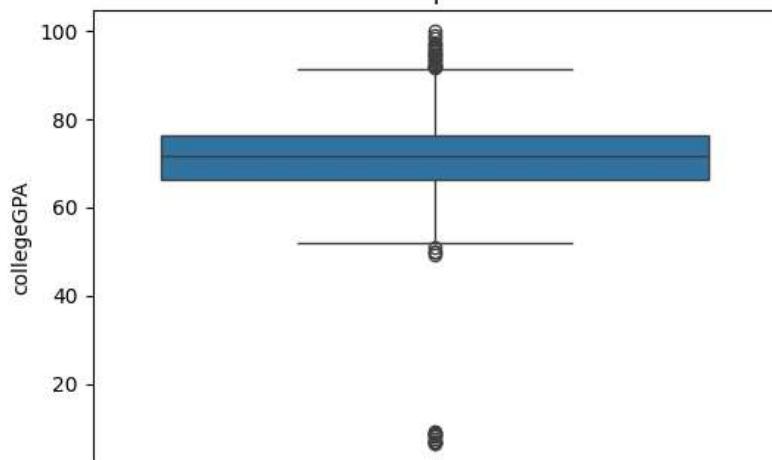
```
count    3998.000000  
mean     1.925713  
std      0.262270  
min     1.000000  
25%     2.000000  
50%     2.000000  
75%     2.000000  
max     2.000000  
Name: CollegeTier, dtype: float64
```

Column: collegeGPA





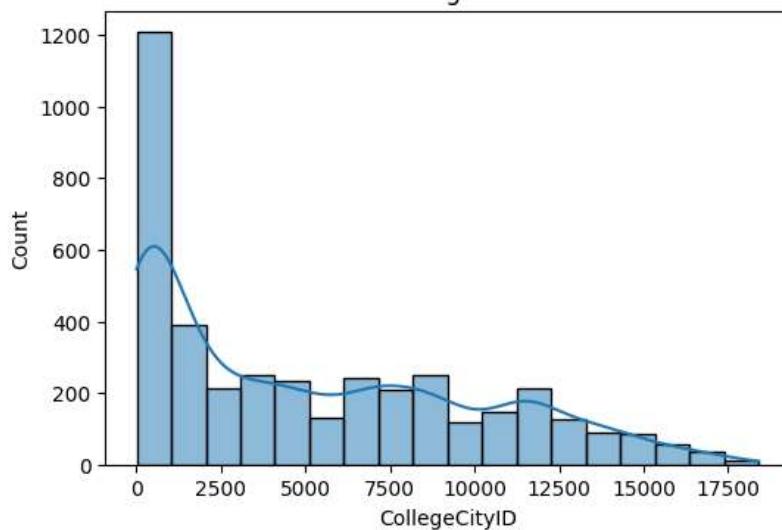
Boxplot



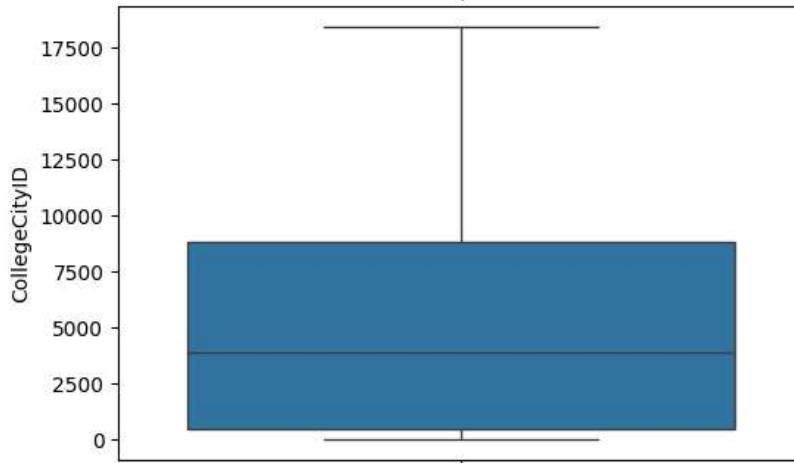
```
count    3998.000000
mean     71.486171
std      8.167338
min      6.450000
25%     66.407500
50%     71.720000
75%     76.327500
max     99.930000
Name: collegeGPA, dtype: float64
```

Column: CollegeCityID

Histogram



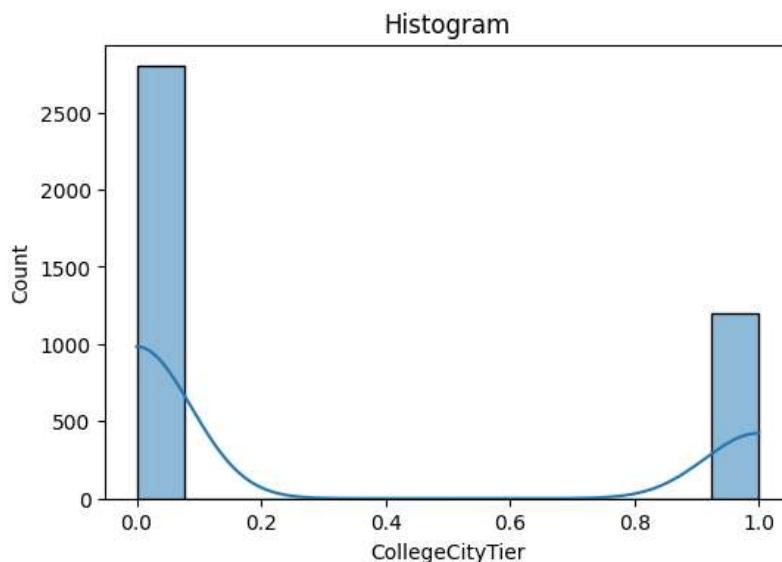
Boxplot



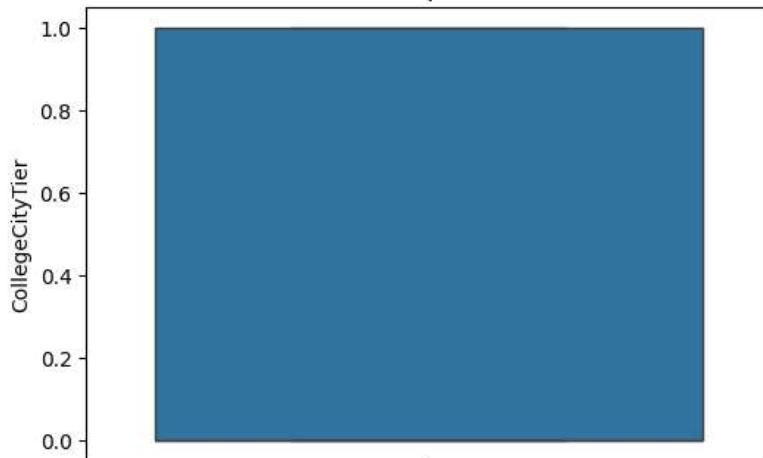
```
count    3998.000000
mean     5156.851426
std      4802.261482
```

```
min      2.000000
25%    494.000000
50%   3879.000000
75%  8818.000000
max  18409.000000
Name: CollegeCityID, dtype: float64
```

Column: CollegeCityTier

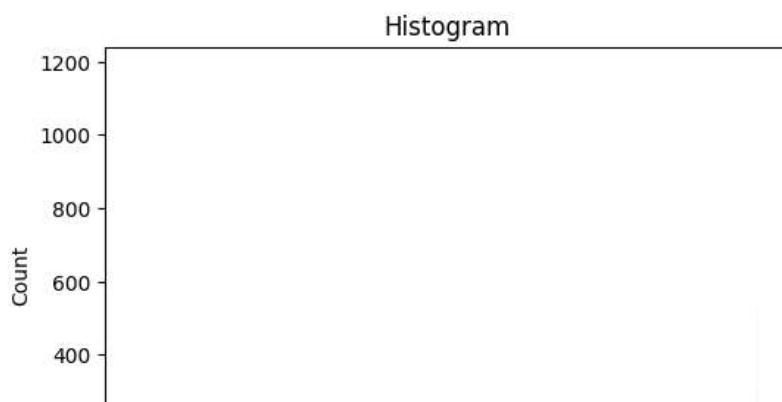


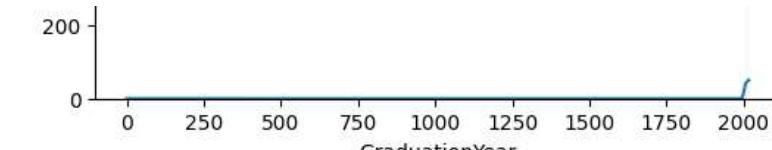
Boxplot



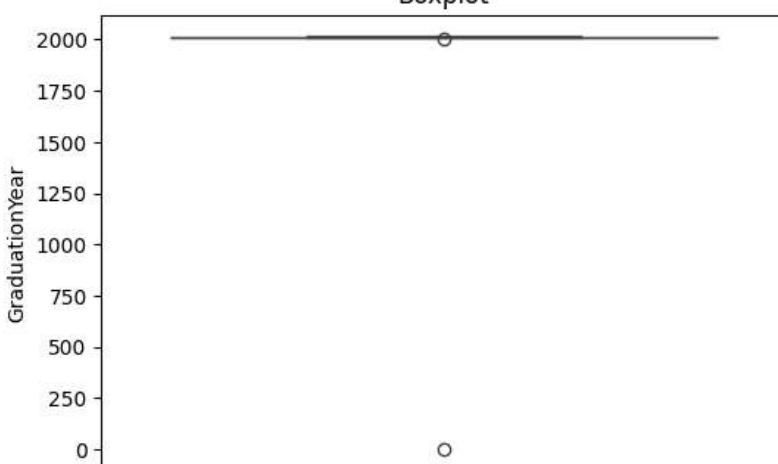
```
count    3998.000000
mean     0.300400
std      0.458489
min     0.000000
25%    0.000000
50%    0.000000
75%    1.000000
max    1.000000
Name: CollegeCityTier, dtype: float64
```

Column: GraduationYear





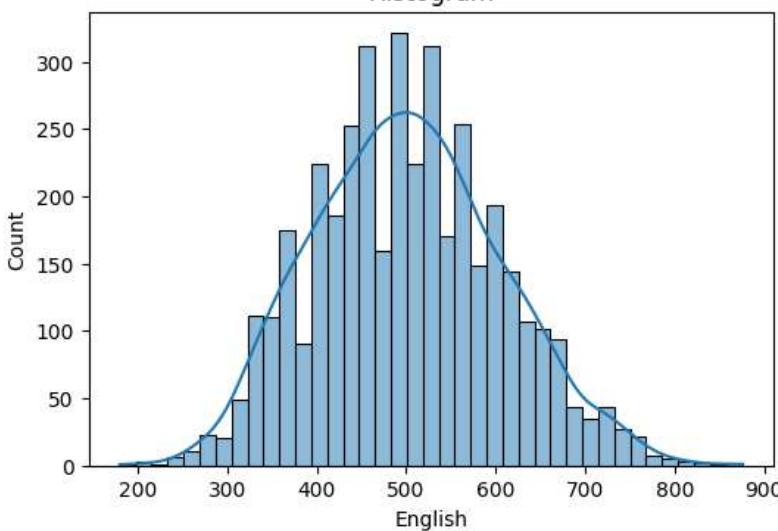
Boxplot



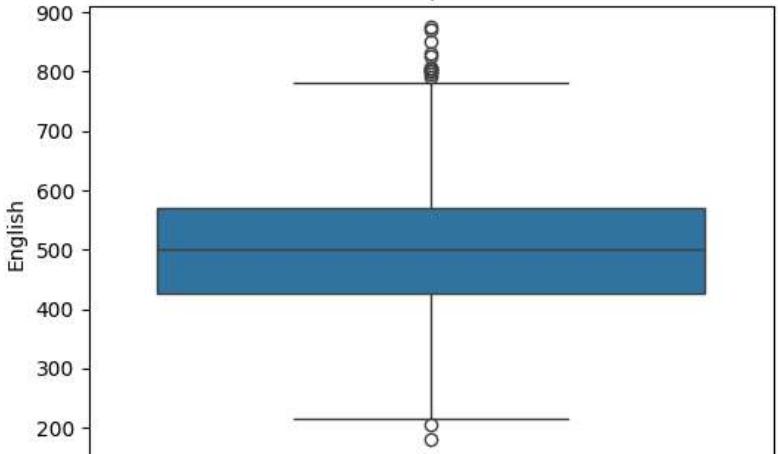
```
count    3998.000000
mean     2012.105803
std      31.857271
min      0.000000
25%     2012.000000
50%     2013.000000
75%     2014.000000
max     2017.000000
Name: GraduationYear, dtype: float64
```

Column: English

Histogram

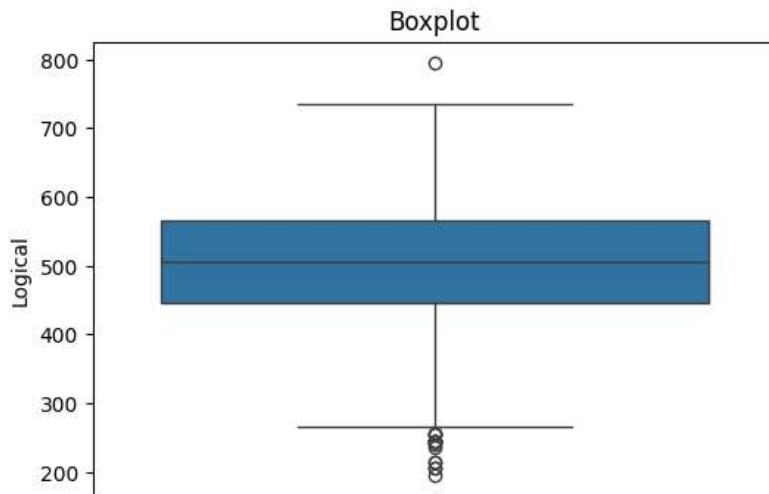
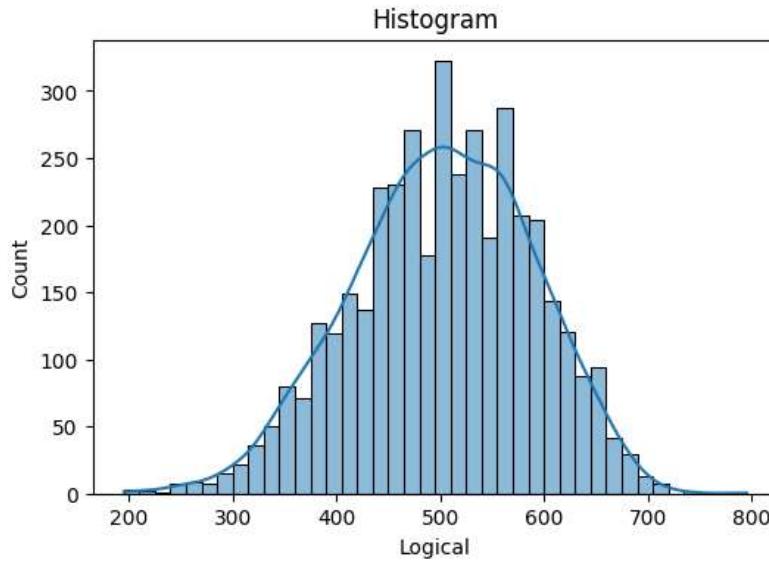


Boxplot



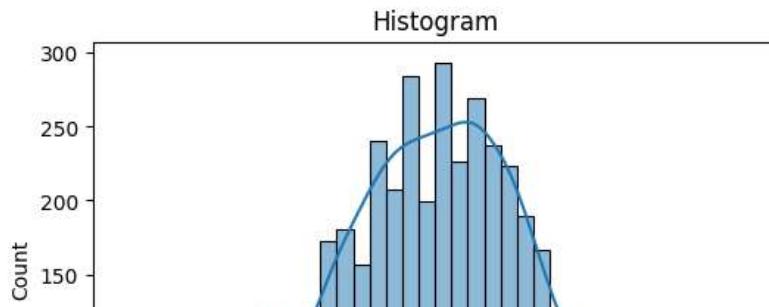
```
count    3998.000000
mean     501.649075
std      104.940021
min      180.000000
25%     425.000000
50%     500.000000
75%     570.000000
max      875.000000
Name: English, dtype: float64
```

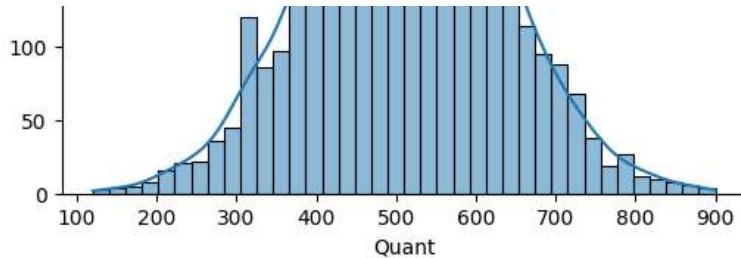
Column: Logical



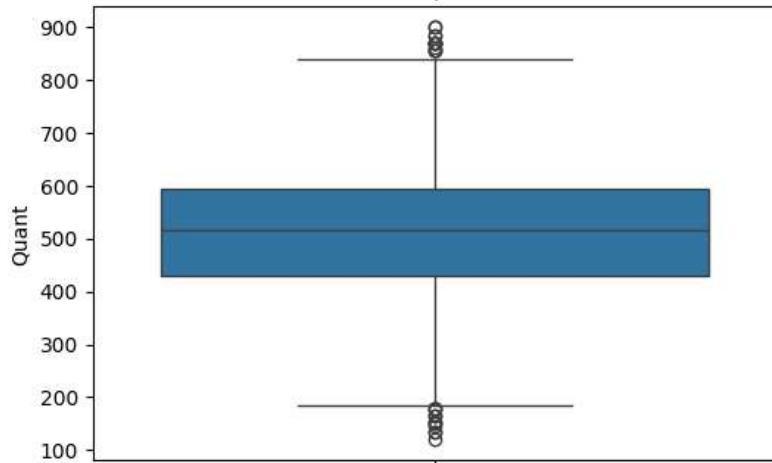
```
count    3998.000000
mean     501.598799
std      86.783297
min      195.000000
25%     445.000000
50%     505.000000
75%     565.000000
max      795.000000
Name: Logical, dtype: float64
```

Column: Quant





Boxplot

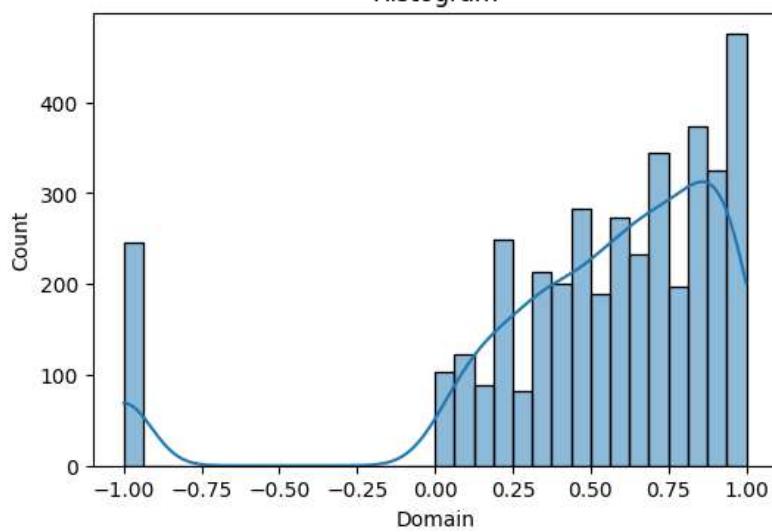


```

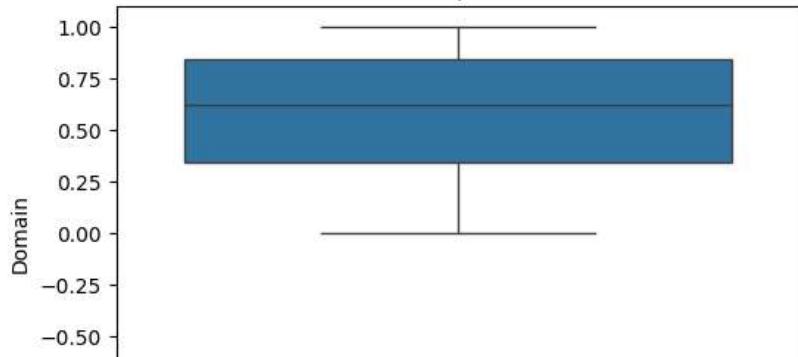
count    3998.000000
mean     513.378189
std      122.302332
min      120.000000
25%     430.000000
50%     515.000000
75%     595.000000
max     900.000000
Name: Quant, dtype: float64
---
```

Column: Domain

Histogram



Boxplot

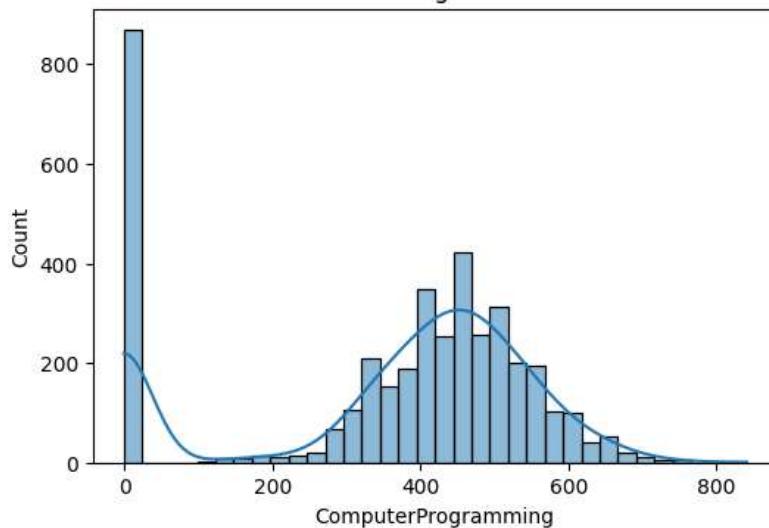




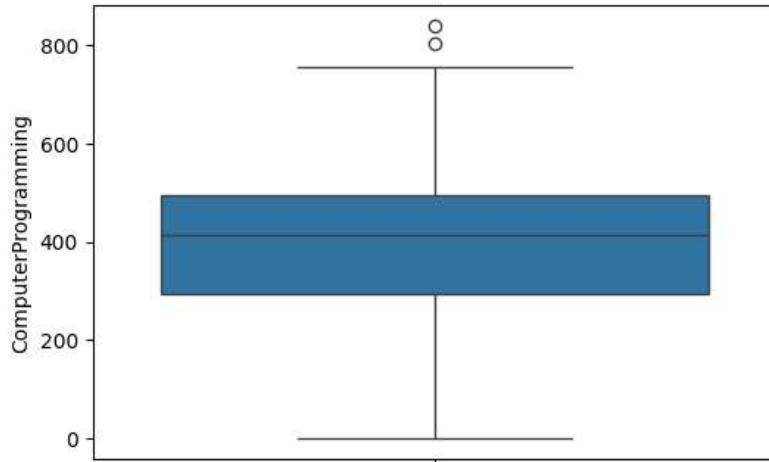
```
count    3998.000000
mean     0.510490
std      0.468671
min     -1.000000
25%     0.342315
50%     0.622643
75%     0.842248
max     0.999910
Name: Domain, dtype: float64
```

Column: ComputerProgramming

Histogram



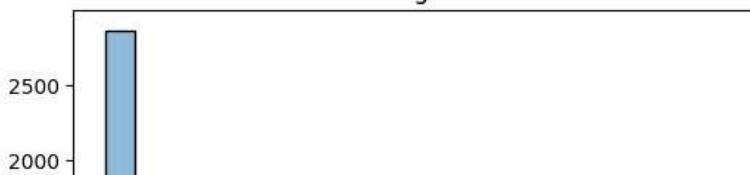
Boxplot

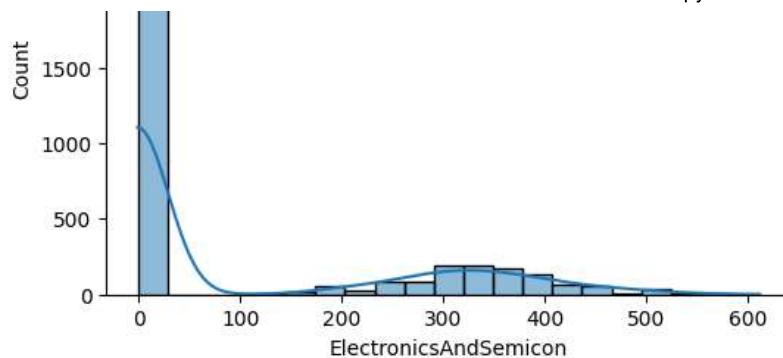


```
count    3998.000000
mean     353.102801
std      205.355519
min     -1.000000
25%     295.000000
50%     415.000000
75%     495.000000
max     840.000000
Name: ComputerProgramming, dtype: float64
```

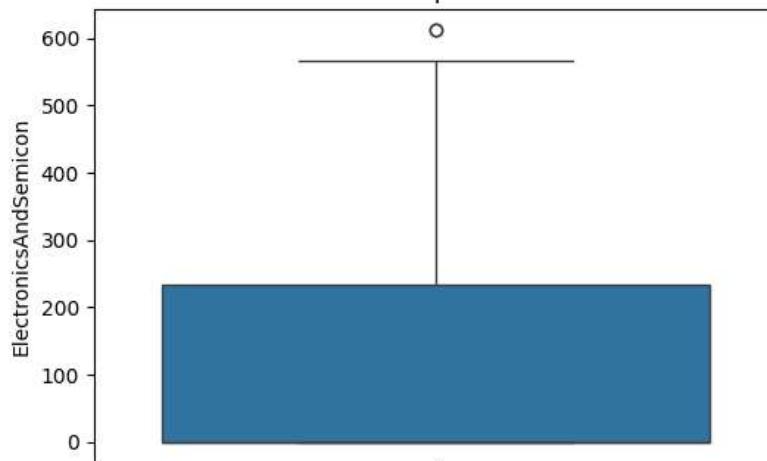
Column: ElectronicsAndSemicon

Histogram





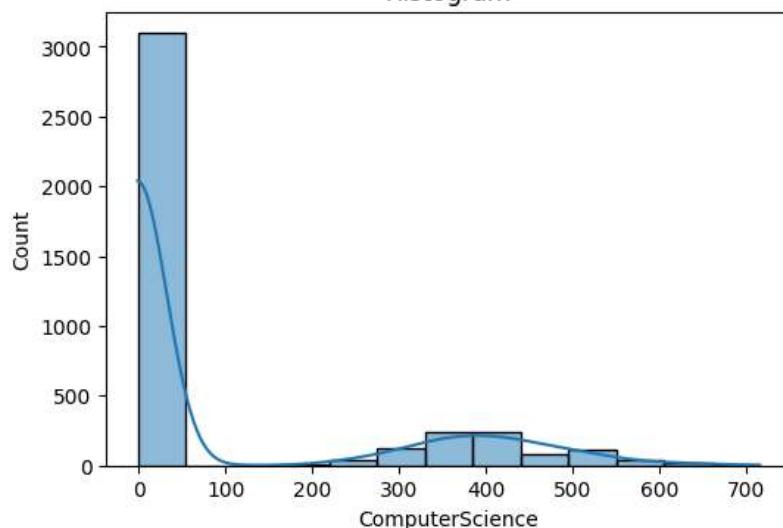
Boxplot



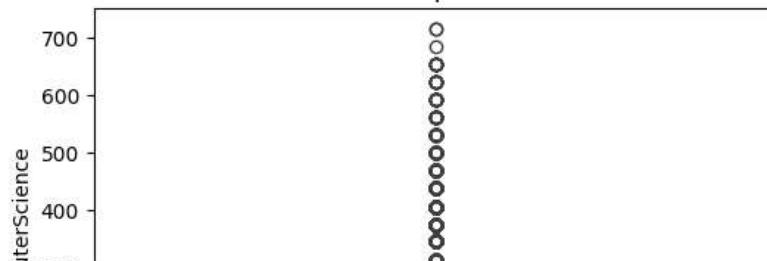
```
count    3998.000000
mean     95.328414
std      158.241218
min     -1.000000
25%    -1.000000
50%    -1.000000
75%    233.000000
max     612.000000
Name: ElectronicsAndSemicon, dtype: float64
```

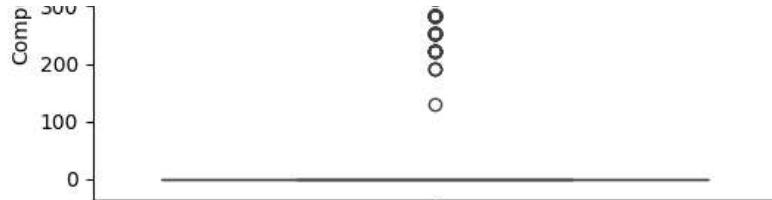
Column: ComputerScience

Histogram



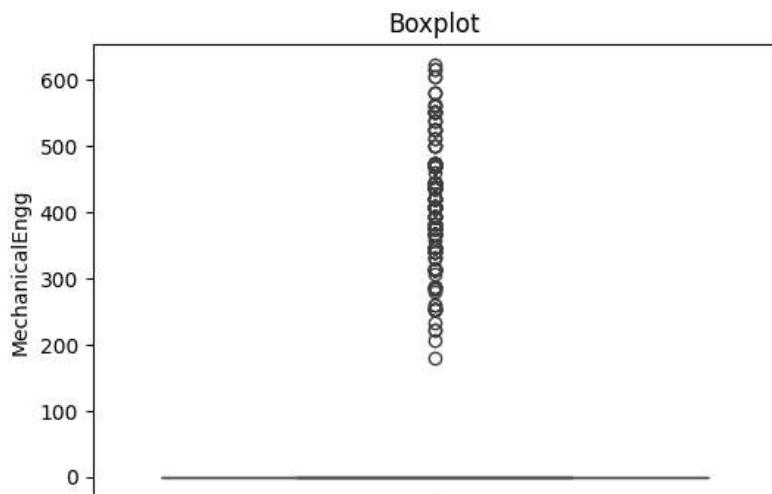
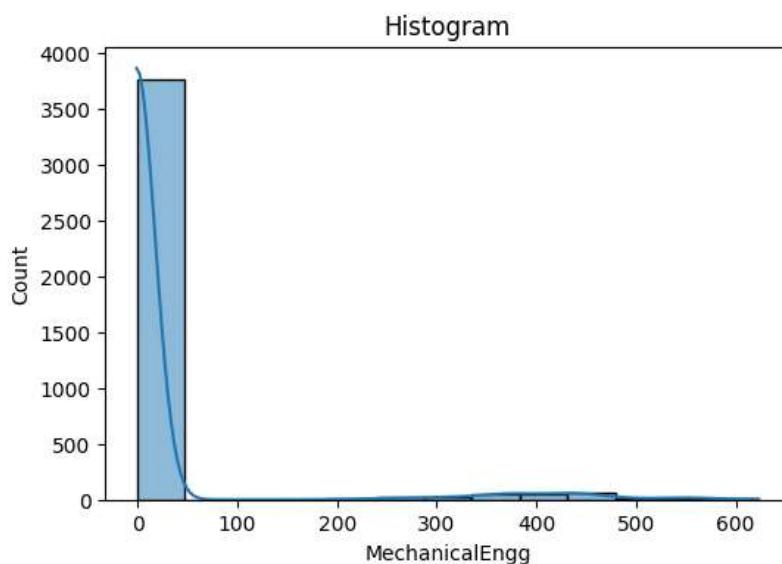
Boxplot





```
count    3998.000000
mean     90.742371
std      175.273083
min     -1.000000
25%    -1.000000
50%    -1.000000
75%    -1.000000
max     715.000000
Name: ComputerScience, dtype: float64
```

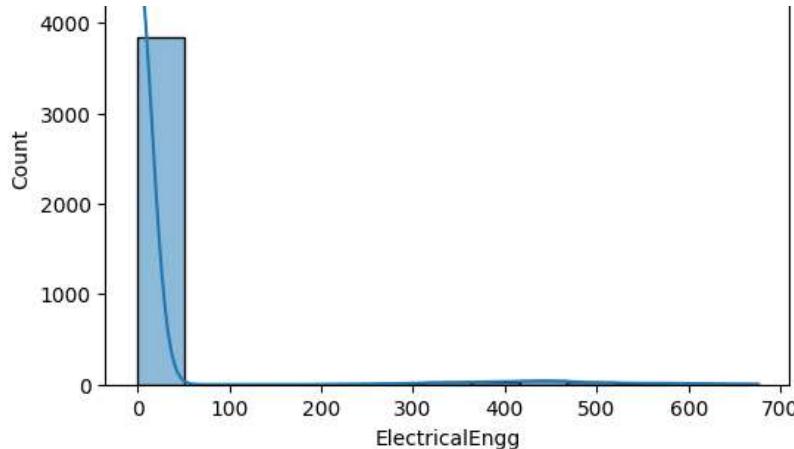
Column: MechanicalEngg



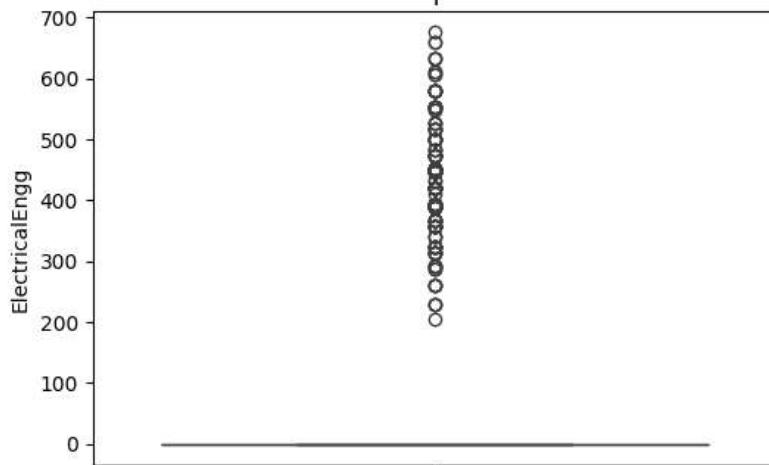
```
count    3998.000000
mean     22.974737
std      98.123311
min     -1.000000
25%    -1.000000
50%    -1.000000
75%    -1.000000
max     623.000000
Name: MechanicalEngg, dtype: float64
```

Column: ElectricalEngg





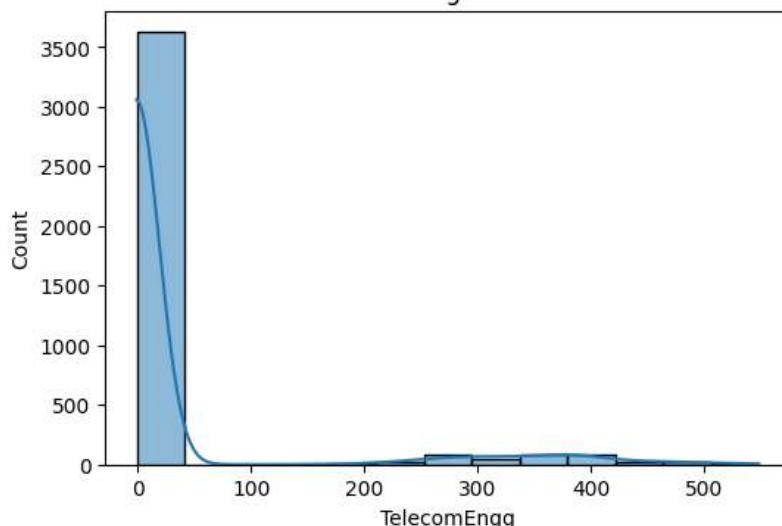
Boxplot



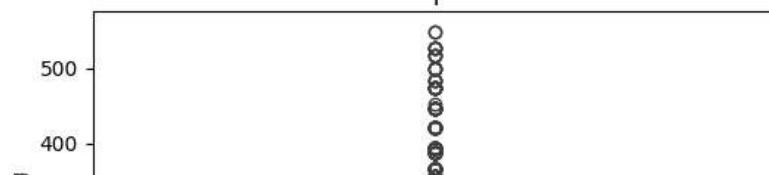
```
count    3998.000000
mean     16.478739
std      87.585634
min     -1.000000
25%    -1.000000
50%    -1.000000
75%    -1.000000
max     676.000000
Name: ElectricalEngg, dtype: float64
```

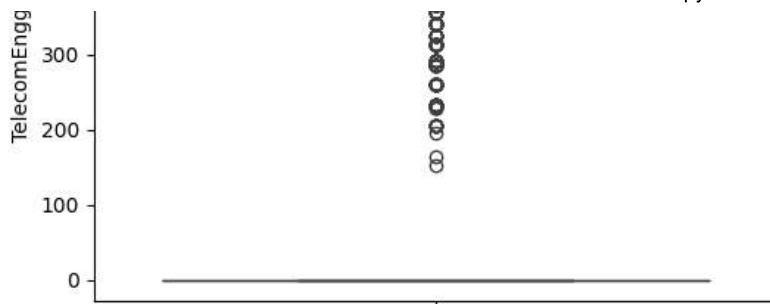
Column: TelecomEngg

Histogram



Boxplot

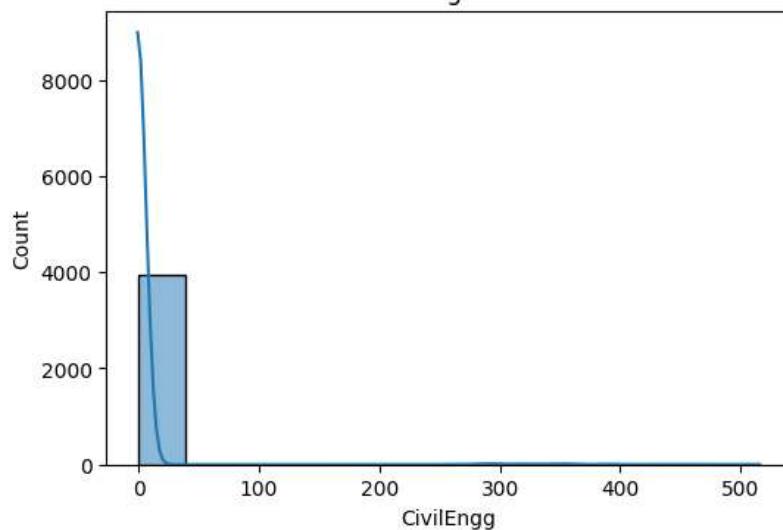




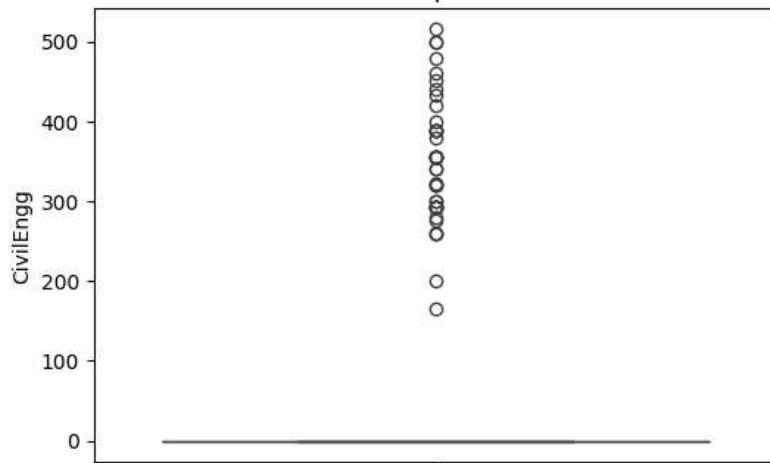
```
count    3998.000000
mean     31.851176
std      104.852845
min     -1.000000
25%    -1.000000
50%    -1.000000
75%    -1.000000
max     548.000000
Name: TelecomEngg, dtype: float64
```

Column: CivilEngg

Histogram



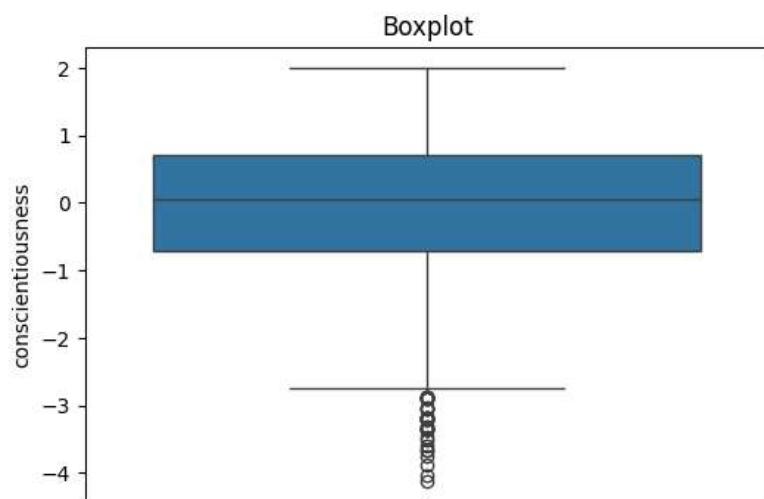
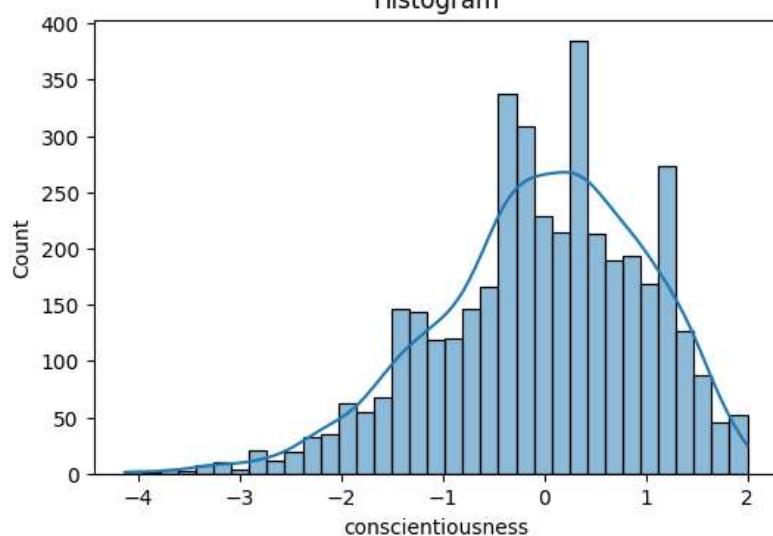
Boxplot



```
count    3998.000000
mean     2.683842
std      36.658505
min     -1.000000
25%    -1.000000
50%    -1.000000
75%    -1.000000
max     516.000000
Name: CivilEngg, dtype: float64
```

Column: conscientiousness

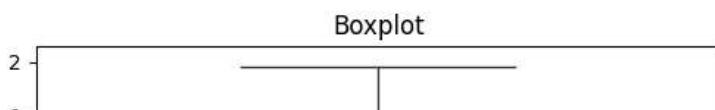
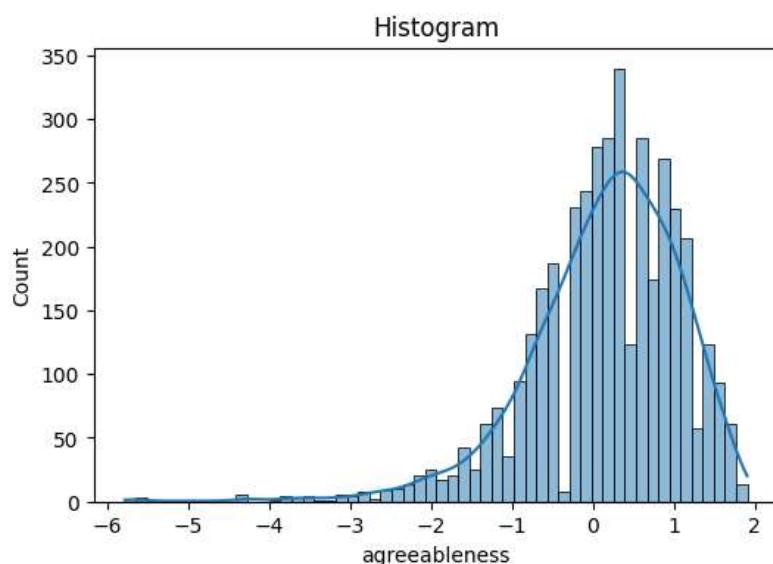
Histogram

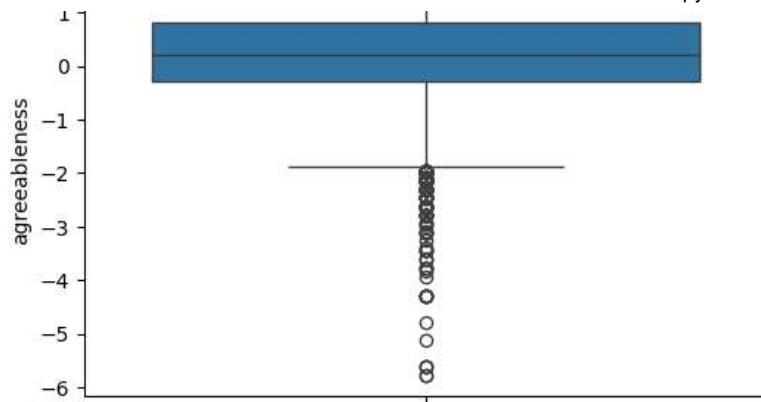


```

count    3998.000000
mean     -0.037831
std      1.028666
min     -4.126700
25%     -0.713525
50%      0.046400
75%      0.702700
max      1.995300
Name: conscientiousness, dtype: float64
---
```

Column: agreeableness



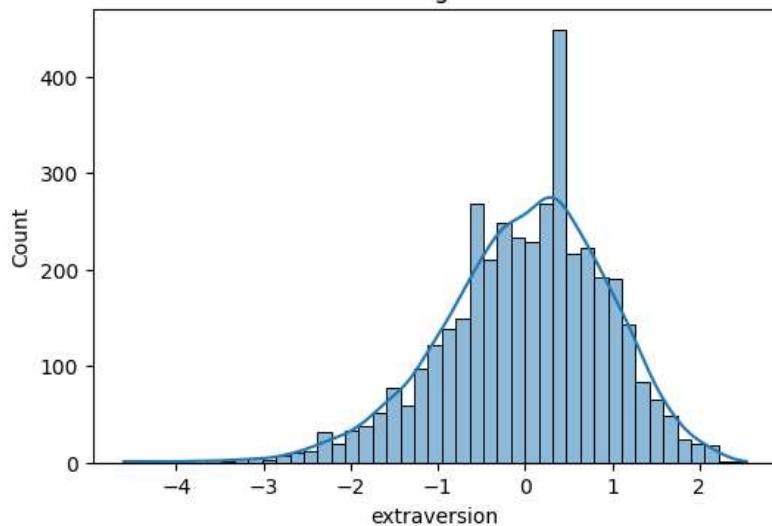


```

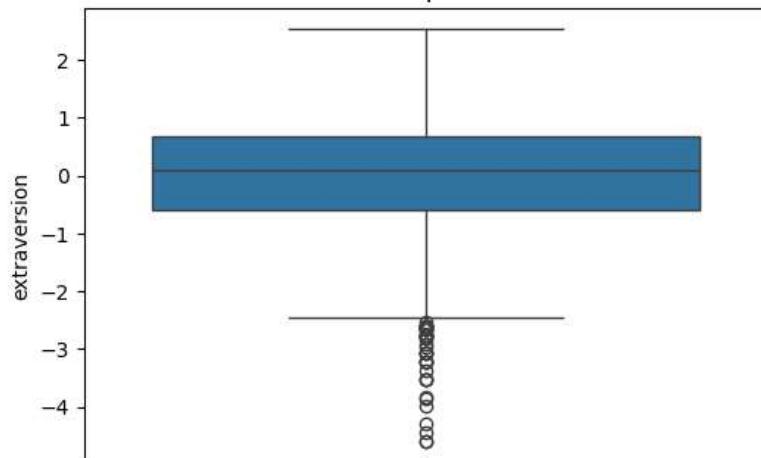
count    3998.000000
mean     0.146496
std      0.941782
min     -5.781600
25%    -0.287100
50%     0.212400
75%     0.812800
max     1.904800
Name: agreeableness, dtype: float64
---
```

Column: extraversion

Histogram



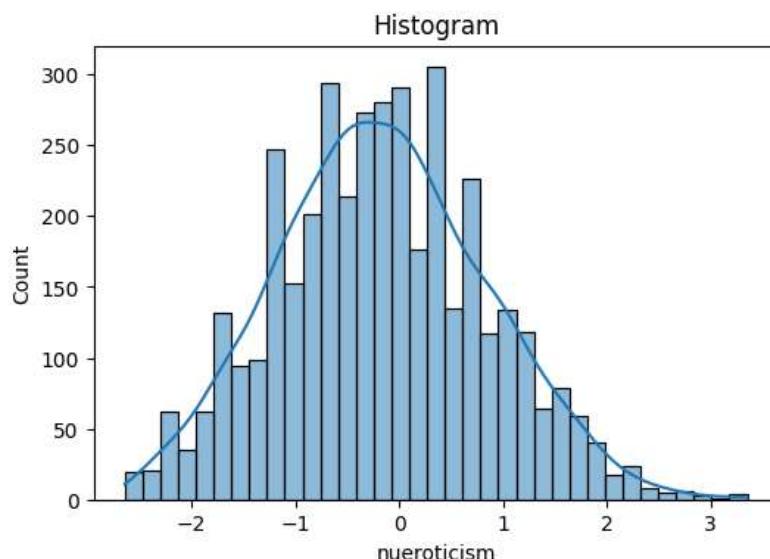
Boxplot



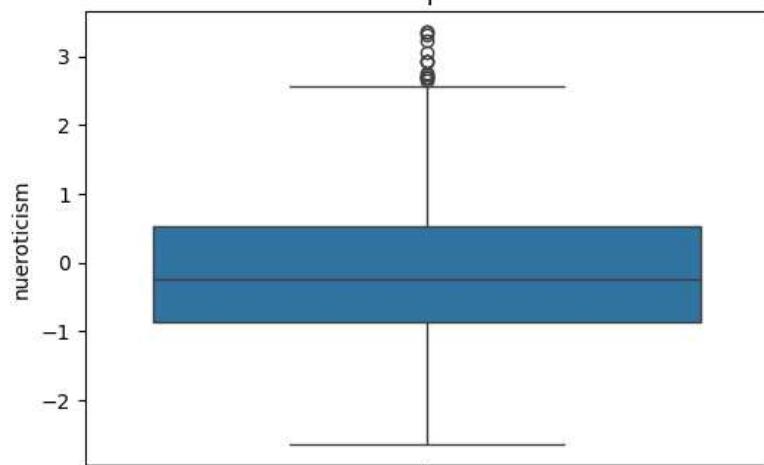
```

count    3998.000000
mean     0.002763
std      0.951471
min     -4.600900
25%    -0.604800
50%     0.091400
75%     0.672000
max     2.535400
Name: extraversion, dtype: float64
```

Column: nueroticism



Boxplot

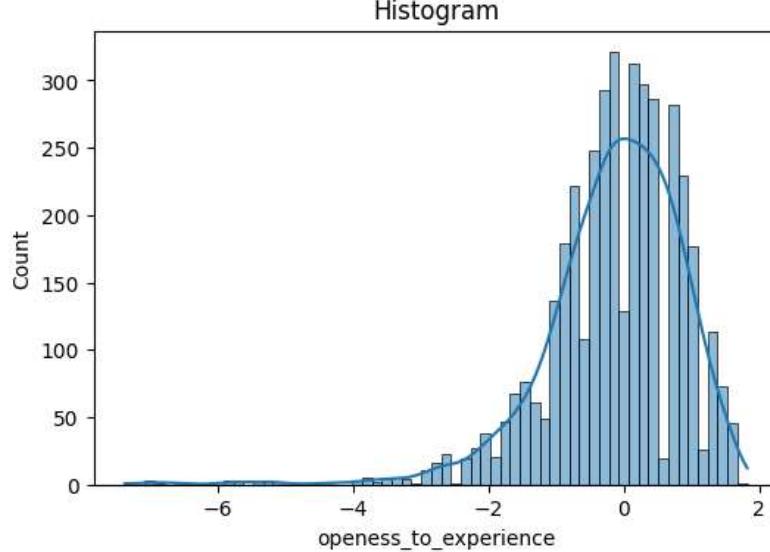


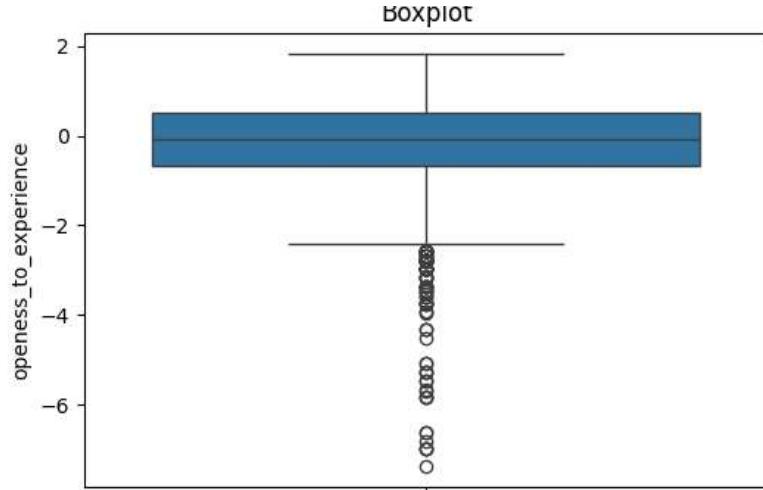
```

count      3998.000000
mean     -0.169033
std       1.007580
min     -2.643000
25%    -0.868200
50%    -0.234400
75%     0.526200
max     3.352500
Name: nueroticism, dtype: float64

```

Column: openness_to_experience

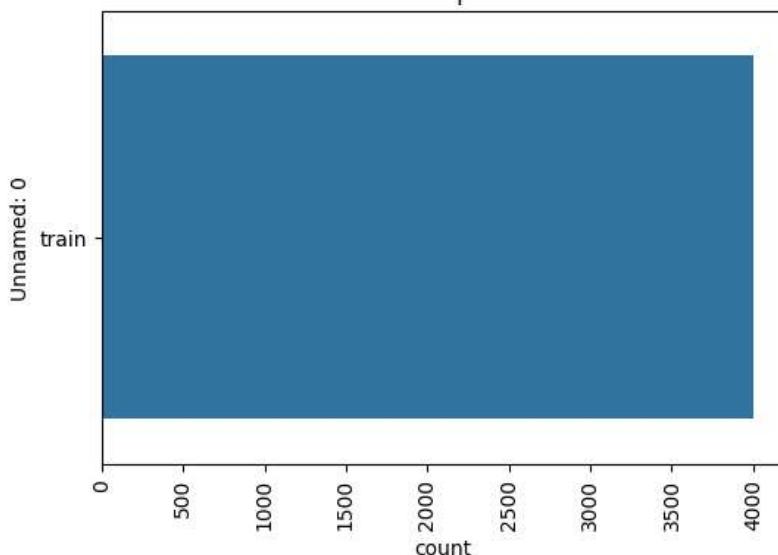




```
count    3998.000000
mean     -0.138110
std      1.008075
min     -7.375700
25%    -0.669200
50%    -0.094300
75%     0.502400
max     1.822400
Name: openness_to_experience, dtype: float64
```

Column: Unnamed: 0

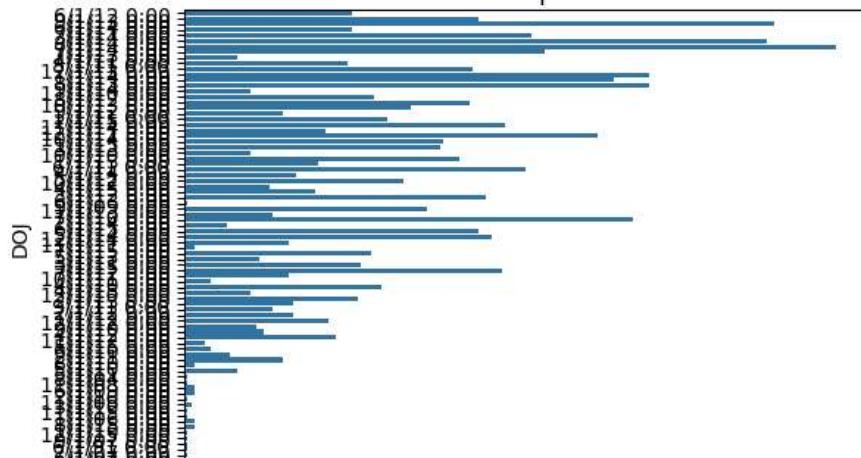
Countplot



```
train    3998
Name: Unnamed: 0, dtype: int64
```

Column: DOJ

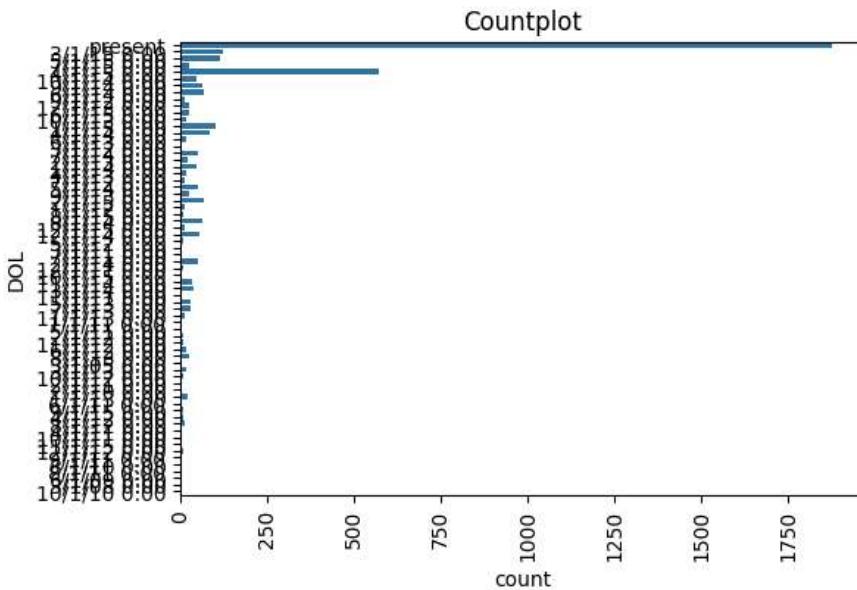
Countplot



```

7/1/14 0:00      199
6/1/14 0:00      180
8/1/14 0:00      178
9/1/14 0:00      142
1/1/14 0:00      142
...
11/1/15 0:00      1
11/1/09 0:00      1
8/1/04 0:00      1
9/1/09 0:00      1
2/1/07 0:00      1
Name: DOJ, Length: 81, dtype: int64
---
```

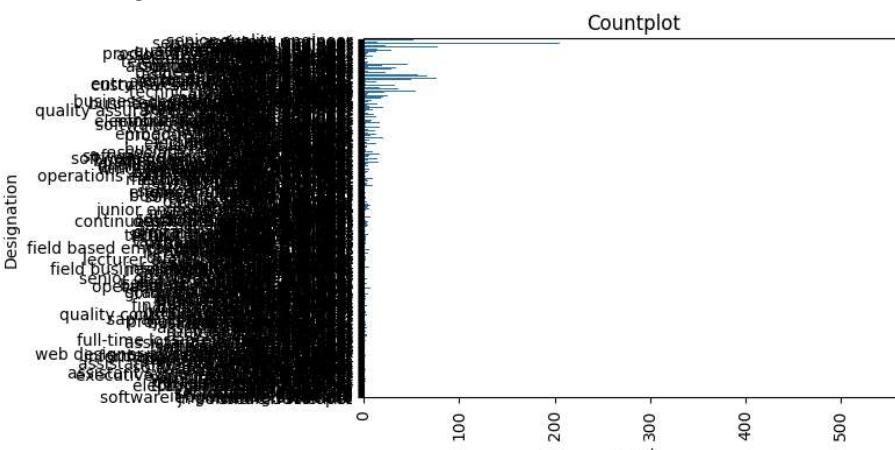
Column: DOL



```

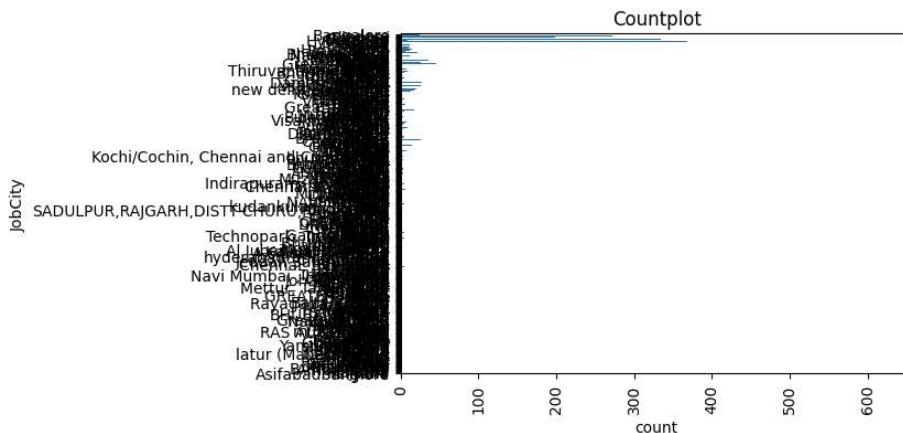
present      1875
4/1/15 0:00  573
3/1/15 0:00  124
5/1/15 0:00  112
1/1/15 0:00  99
...
3/1/05 0:00  1
10/1/15 0:00 1
2/1/10 0:00  1
2/1/11 0:00  1
10/1/10 0:00 1
Name: DOL, Length: 67, dtype: int64
---
```

Column: Designation



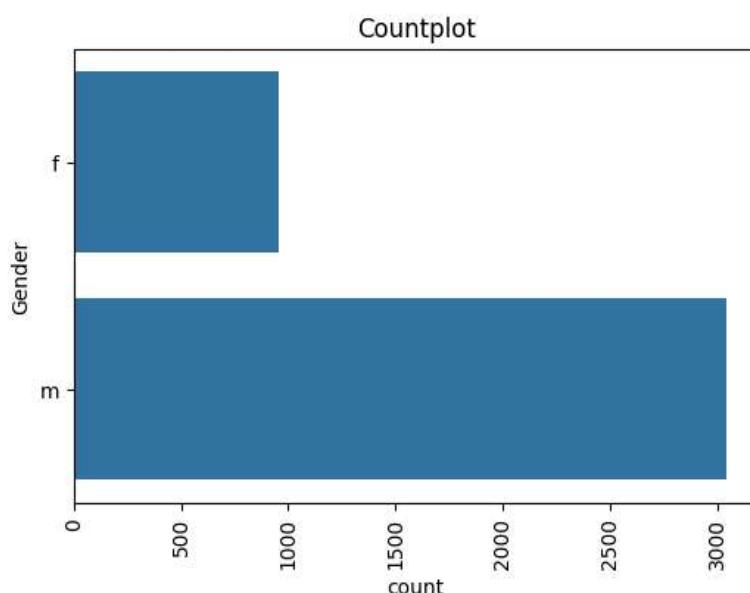
```
systems engineer      118
...
cad drafter          1
noc engineer          1
human resources intern 1
senior quality assurance engineer 1
jr. software developer 1
Name: Designation, Length: 419, dtype: int64
```

Column: JobCity



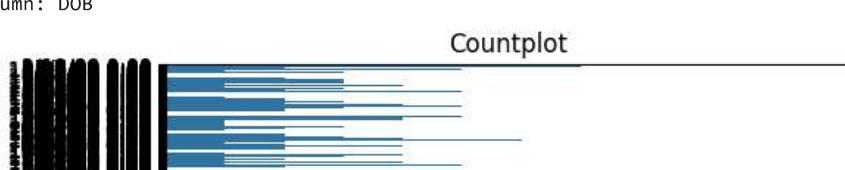
```
Name: JobCity, Length: 339, dtype: int64
```

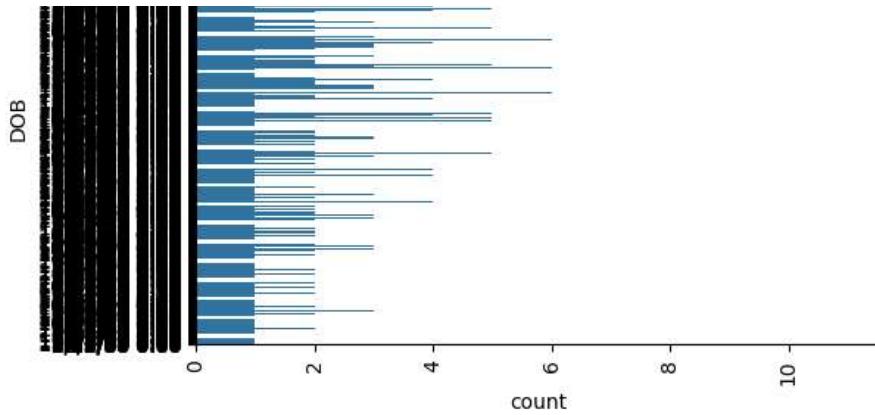
Column: Gender



```
Name: Gender, dtype: int64
```

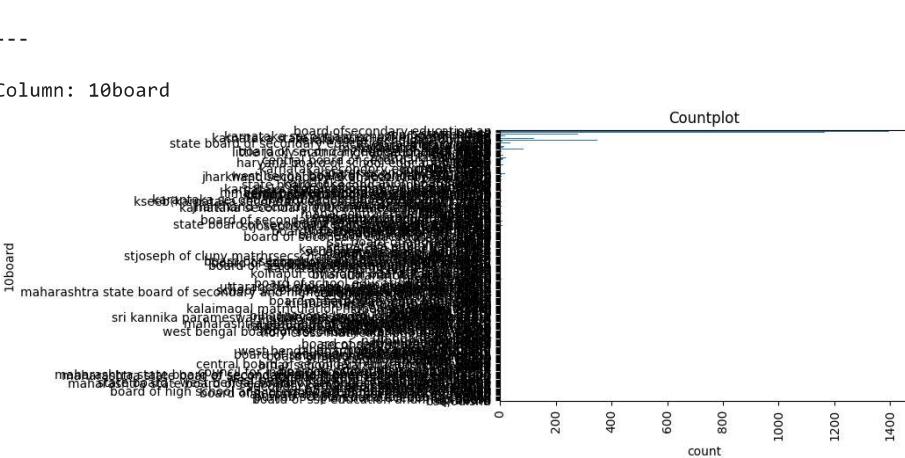
Column: DOB





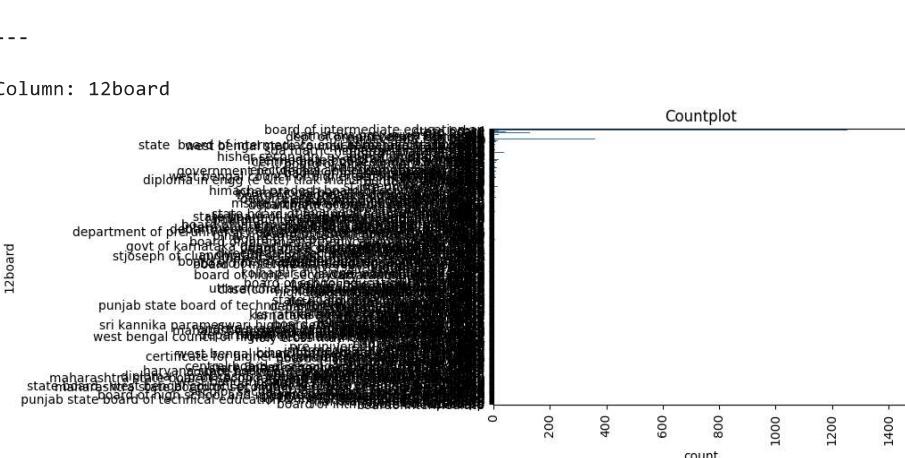
Name: DOB, Length: 1872, dtype: int64

Column: 10board



Name: 10board, Length: 275, dtype: int64

Column: 12board

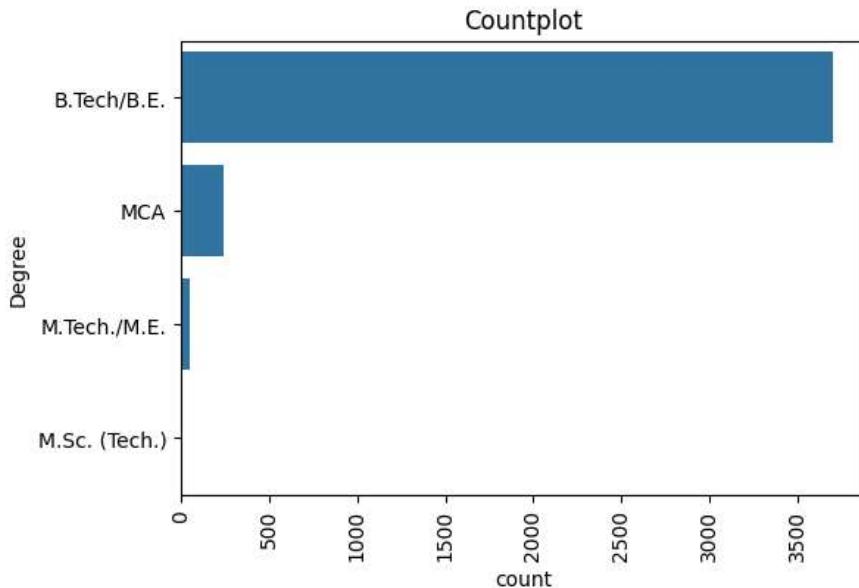


```

jawahar higher secondary school      1
nagpur board                         1
bsemp                                1
board of higher secondary orissa     1
boardofintermediate                   1
Name: 12board, Length: 340, dtype: int64

```

Column: Degree

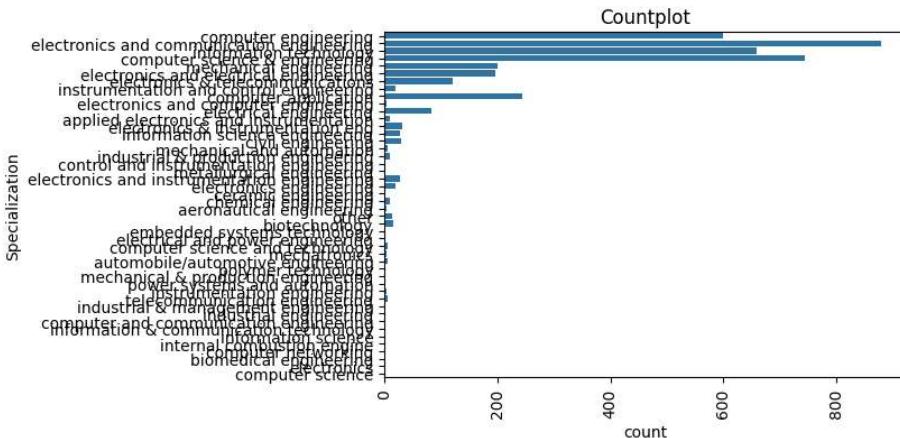


```

B.Tech/B.E.      3700
MCA              243
M.Tech./M.E.     53
M.Sc. (Tech.)    2
Name: Degree, dtype: int64

```

Column: Specialization



```

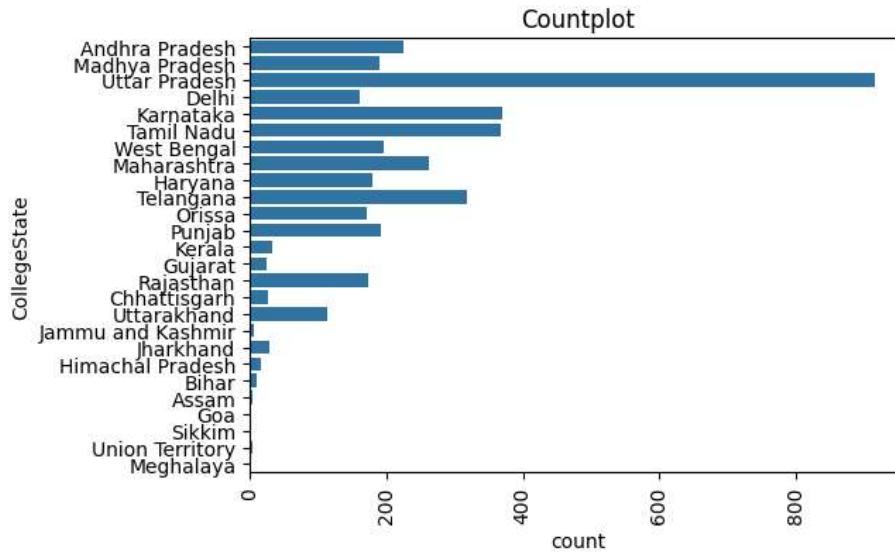
electronics and communication engineering      880
computer science & engineering                744
information technology                          660
computer engineering                           600
computer application                          244
mechanical engineering                        201
electronics and electrical engineering        196
electronics & telecommunications            121
electrical engineering                         82
electronics & instrumentation eng            32
civil engineering                             29
electronics and instrumentation engineering   27
information science engineering               27
instrumentation and control engineering       20
electronics engineering                       19
biotechnology                                15
other                                       13
industrial & production engineering         10
applied electronics and instrumentation       9
chemical engineering                          9
computer science and technology               6

```

```

telecommunication engineering      6
mechanical and automation         5
automobile/automotive engineering  5
instrumentation engineering       4
mechatronics                      4
aeronautical engineering          3
electronics and computer engineering 3
electrical and power engineering  2
biomedical engineering            2
information & communication technology 2
industrial engineering           2
computer science                  2
metallurgical engineering        2
power systems and automation     1
control and instrumentation engineering 1
mechanical & production engineering 1
embedded systems technology       1
polymer technology                1
computer and communication engineering 1
information science                1
internal combustion engine        1
computer networking               1
ceramic engineering                1
electronics                       1
industrial & management engineering 1
Name: Specialization, dtype: int64
---
```

Column: CollegeState

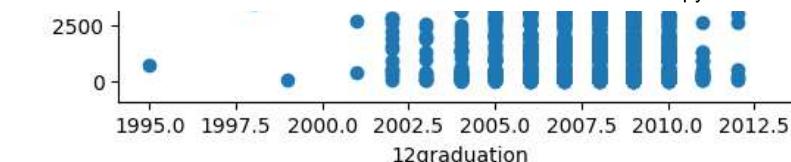


```

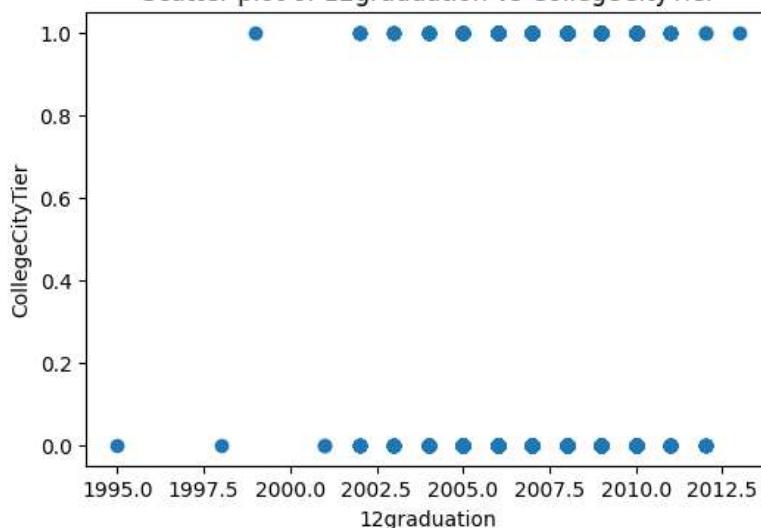
Uttar Pradesh      915
Karnataka        370
Tamil Nadu        367
Telangana          319
Maharashtra        262
Andhra Pradesh    225
West Bengal        196
Punjab             193
Madhya Pradesh    189
Haryana            180
Rajasthan          174
Orissa              172
Delhi              162
Uttarakhand        113
Kerala             33
Jharkhand           28
Chhattisgarh        27
Gujarat             24
Himachal Pradesh   16
Bihar                 10
Jammu and Kashmir  7
Assam                 5
Union Territory      5
Sikkim                 3
Meghalaya            2
Goa                   1
Name: CollegeState, dtype: int64
---
```



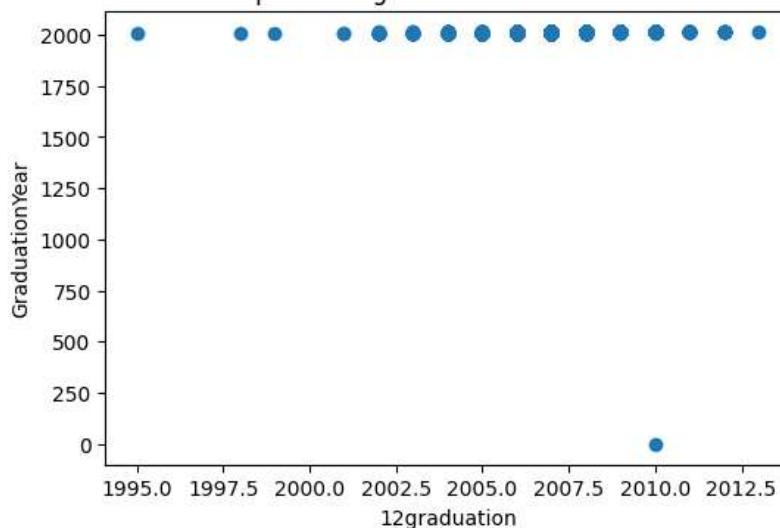
```
1 import pandas as pd
2 import matplotlib.pyplot as plt
3 import seaborn as sns
4
5 # Load your data
6 data = pd.read_csv('data.csv.csv')
7
8 # For each pair of numerical columns, you can use scatter plots or hexbin plots.
9 numerical_cols = data.select_dtypes(include=['int64', 'float64']).columns
10 for i in range(len(numerical_cols)):
11     for j in range(i+1, len(numerical_cols)):
12         plt.figure(figsize=(6,4))
13         plt.scatter(data[numerical_cols[i]], data[numerical_cols[j]])
14         plt.xlabel(numerical_cols[i])
15         plt.ylabel(numerical_cols[j])
16         plt.title(f'Scatter plot of {numerical_cols[i]} vs {numerical_cols[j]}')
17         plt.show()
18
19 # For each categorical column vs numerical column, you can use boxplots, swarmplots, etc.
20 categorical_cols = data.select_dtypes(include=['object']).columns
21 for cat_col in categorical_cols:
22     for num_col in numerical_cols:
23         plt.figure(figsize=(6,4))
24         sns.boxplot(x=cat_col, y=num_col, data=data)
25         plt.title(f'Boxplot of {num_col} for each {cat_col}')
26         plt.show()
27
28 # For each pair of categorical columns, you can use stacked bar plots.
29 for i in range(len(categorical_cols)):
30     for j in range(i+1, len(categorical_cols)):
31         cross_tab = pd.crosstab(data[categorical_cols[i]], data[categorical_cols[j]])
32         cross_tab.plot(kind='bar', stacked=True)
33         plt.title(f'Stacked bar plot of {categorical_cols[i]} vs {categorical_cols[j]}')
34         plt.show()
35
```



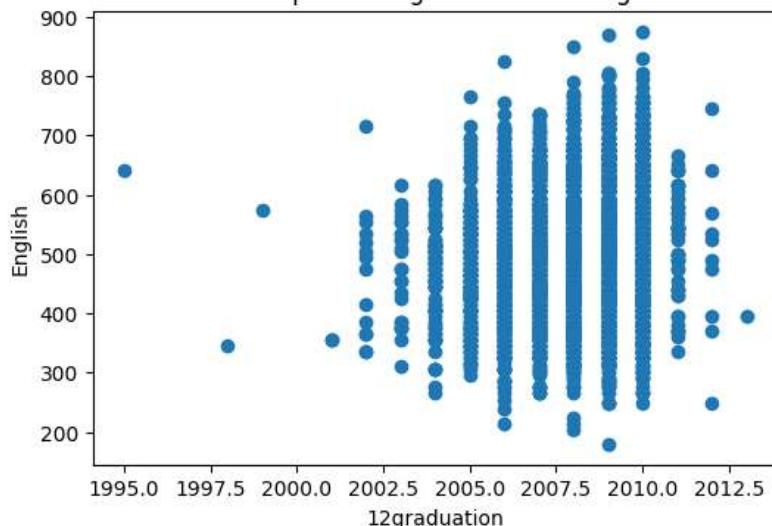
Scatter plot of 12graduation vs CollegeCityTier



Scatter plot of 12graduation vs GraduationYear

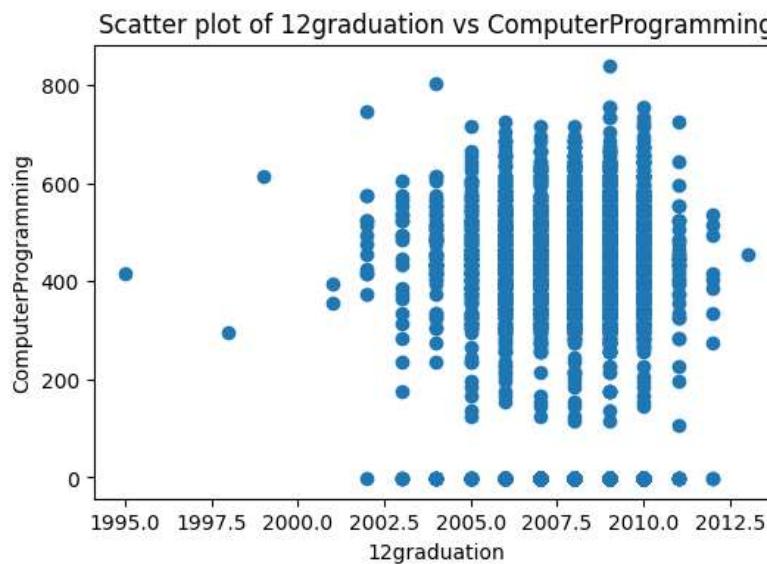
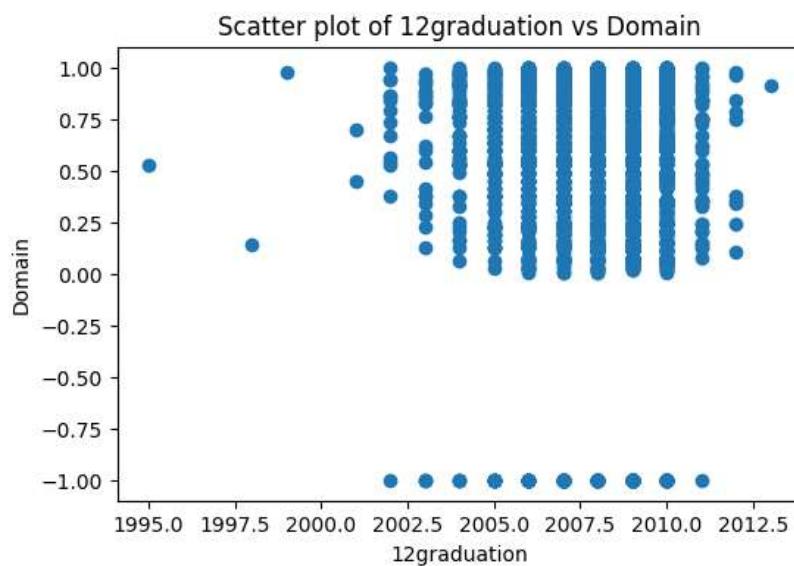
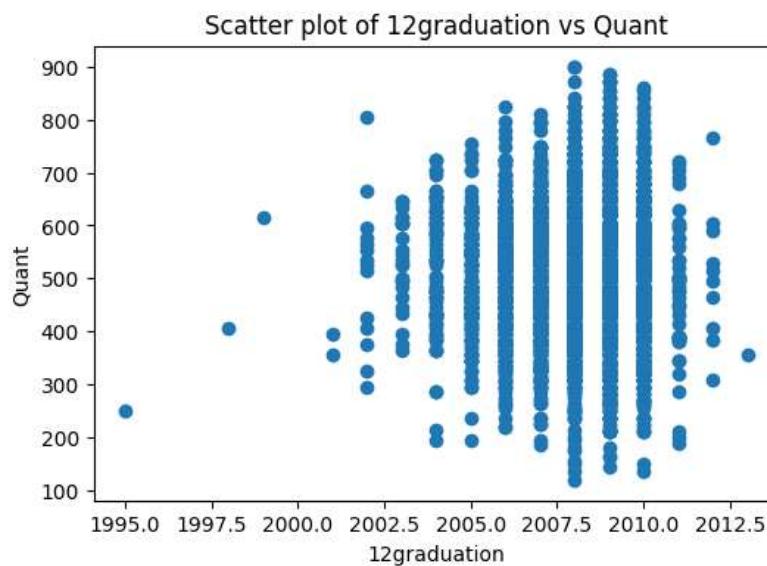
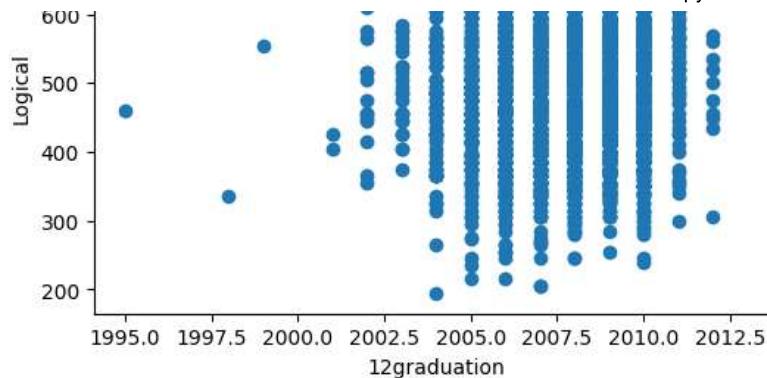


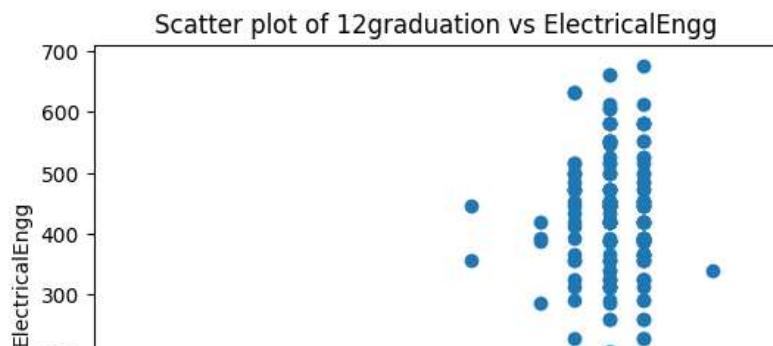
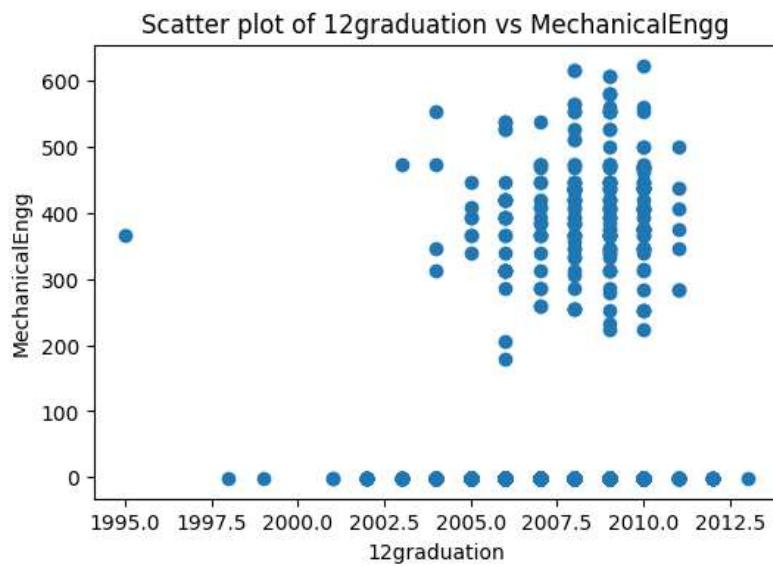
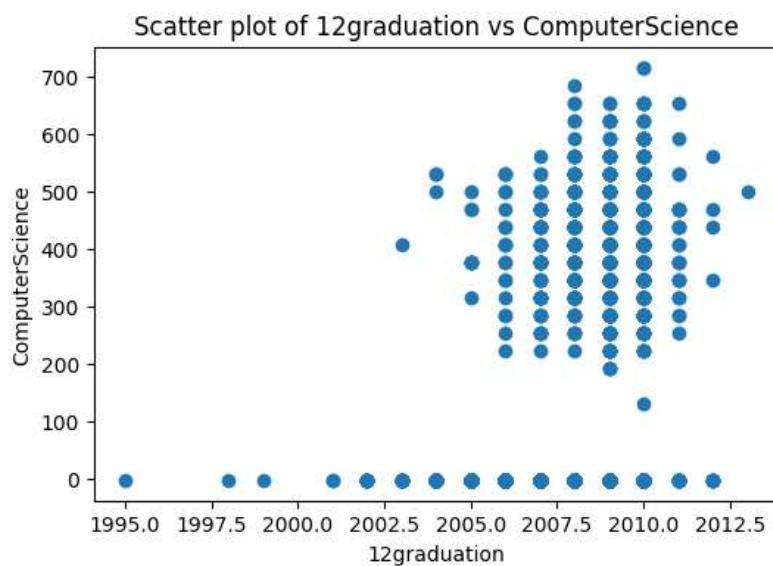
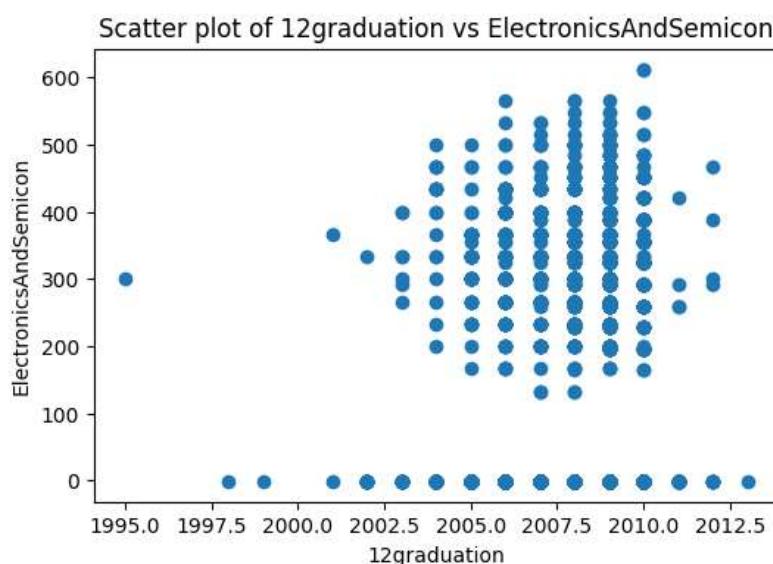
Scatter plot of 12graduation vs English

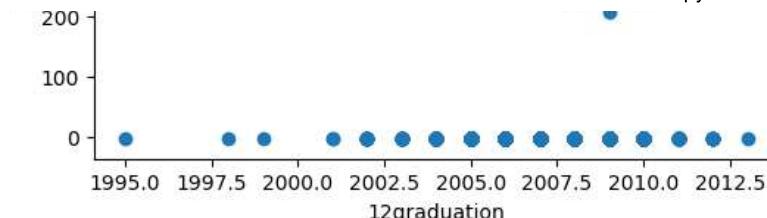


Scatter plot of 12graduation vs Logical

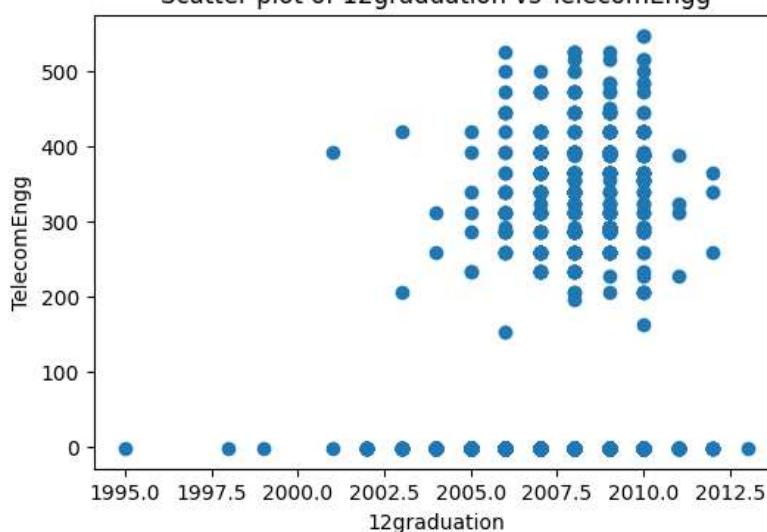




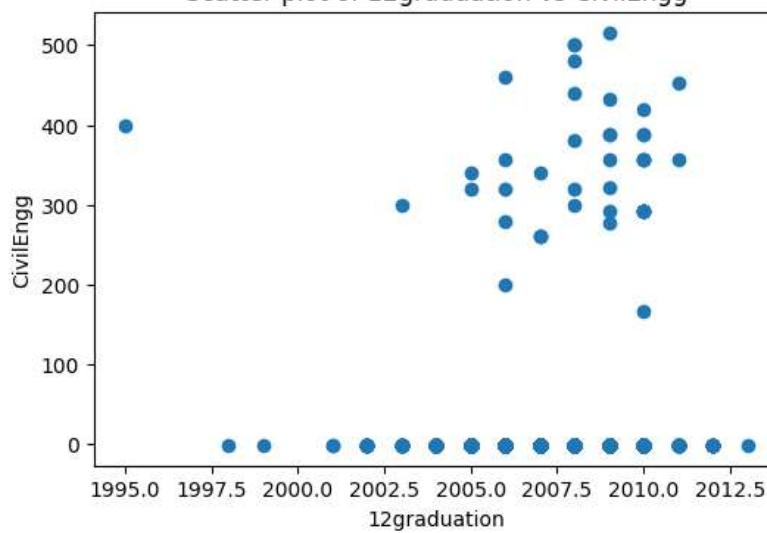




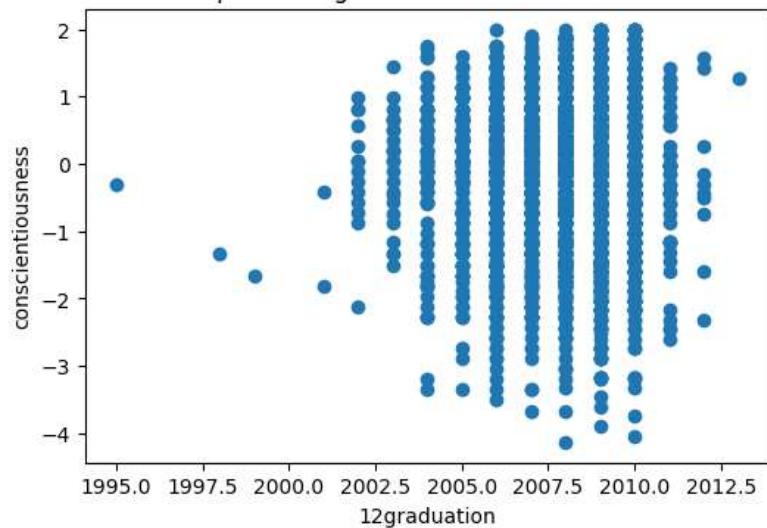
Scatter plot of 12graduation vs TelecomEngg



Scatter plot of 12graduation vs CivilEngg

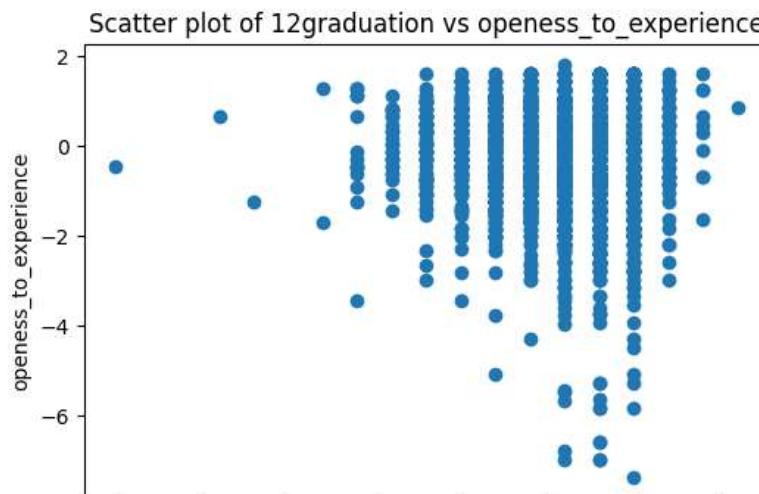
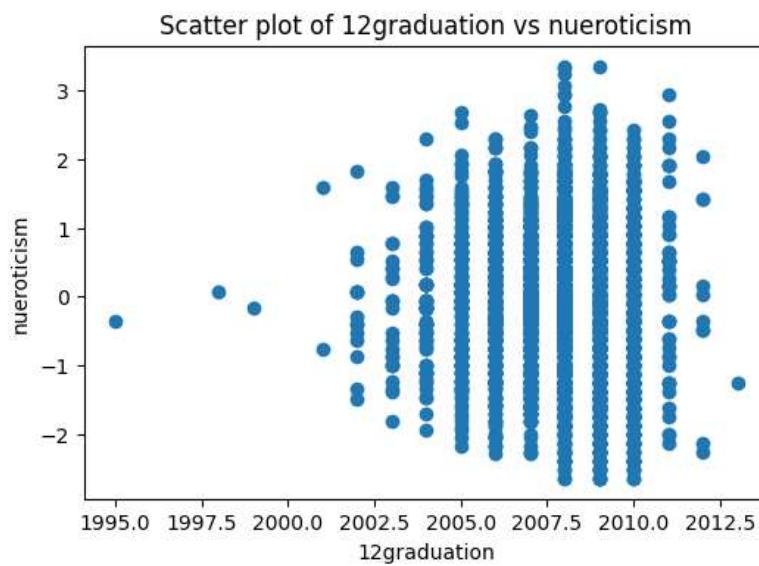
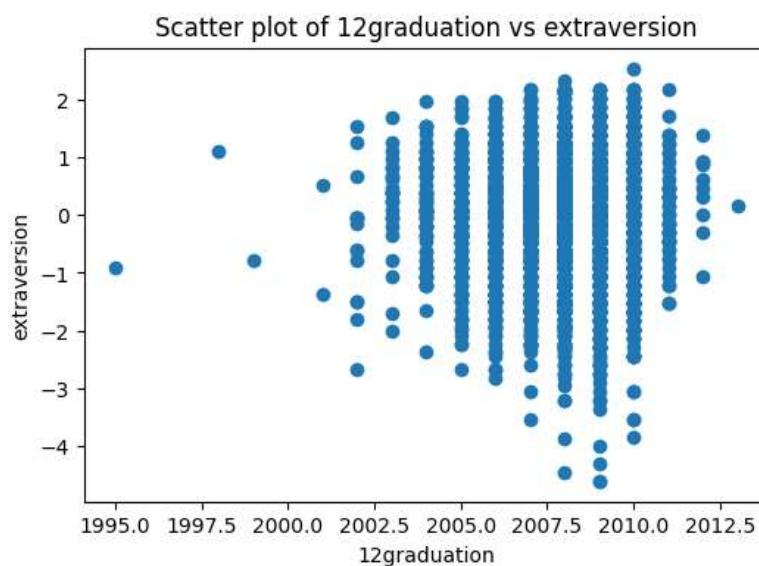
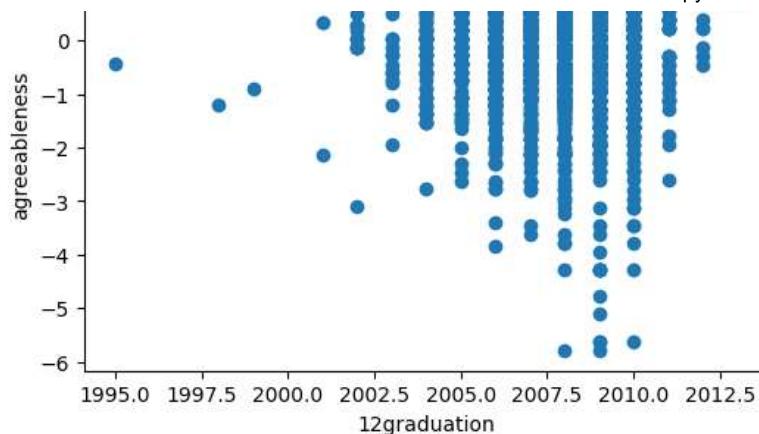


Scatter plot of 12graduation vs conscientiousness



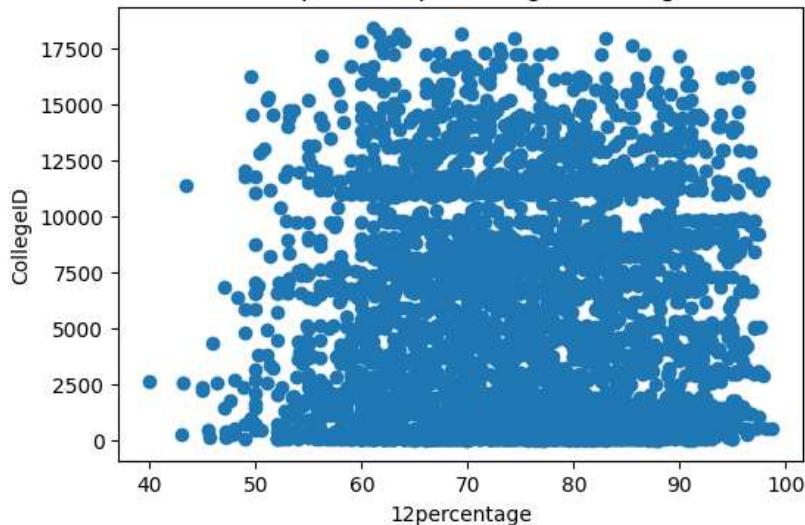
Scatter plot of 12graduation vs agreeableness



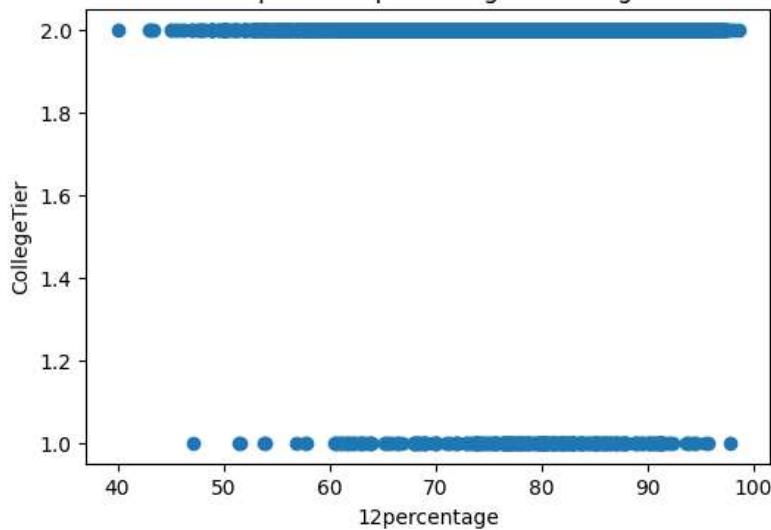


1995.0 1997.5 2000.0 2002.5 2005.0 2007.5 2010.0 2012.5
12graduation

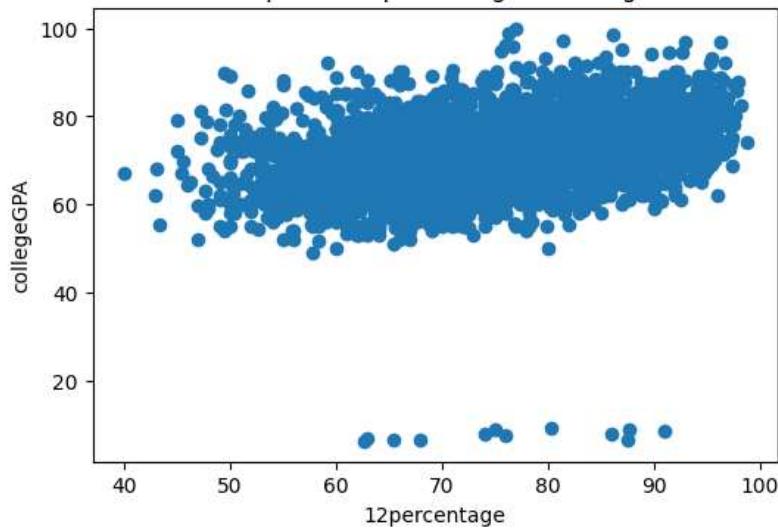
Scatter plot of 12percentage vs CollegeID



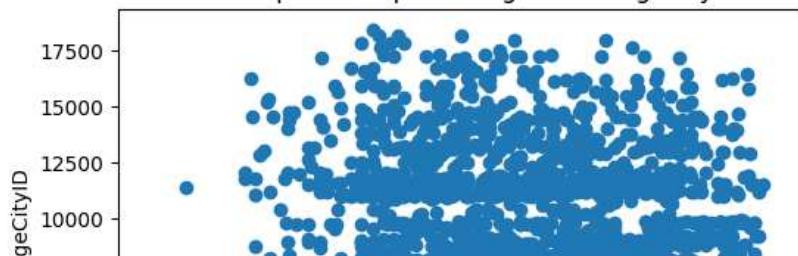
Scatter plot of 12percentage vs CollegeTier

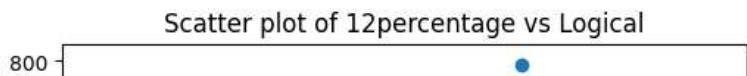
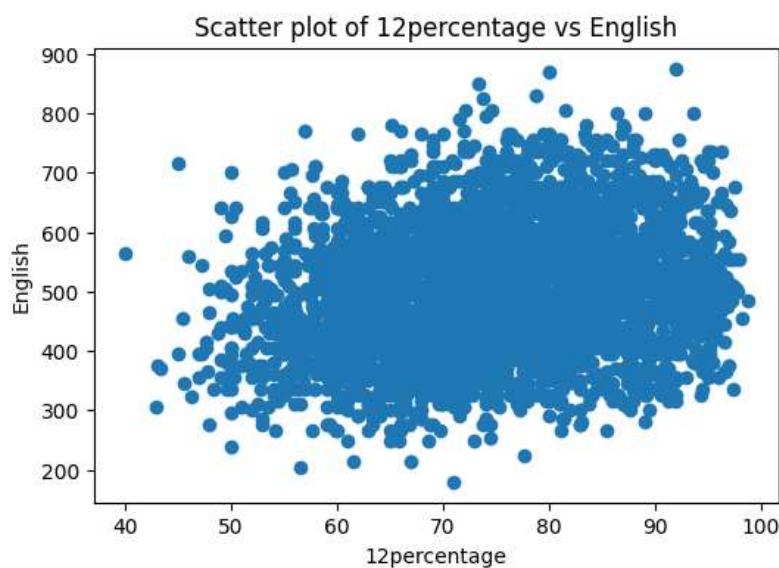
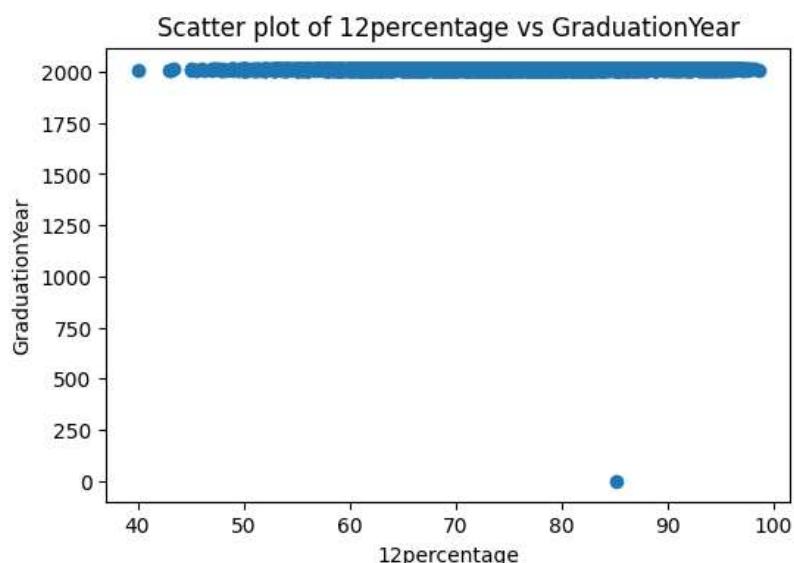
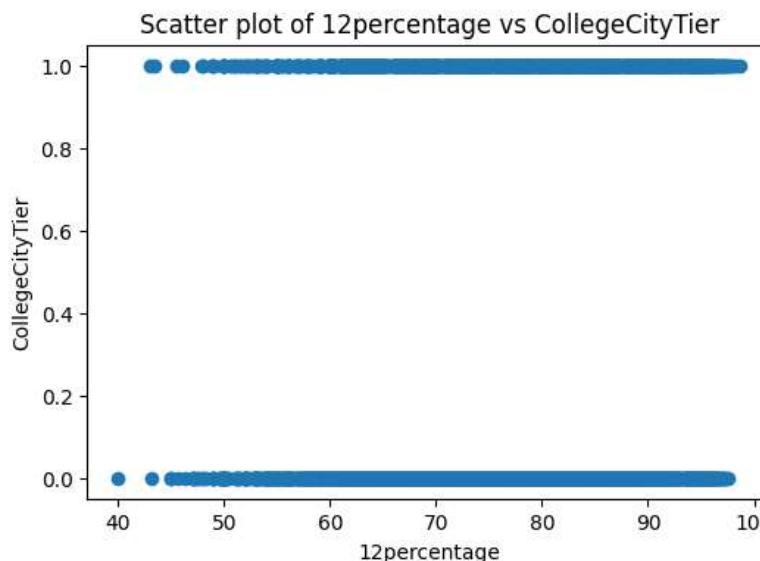
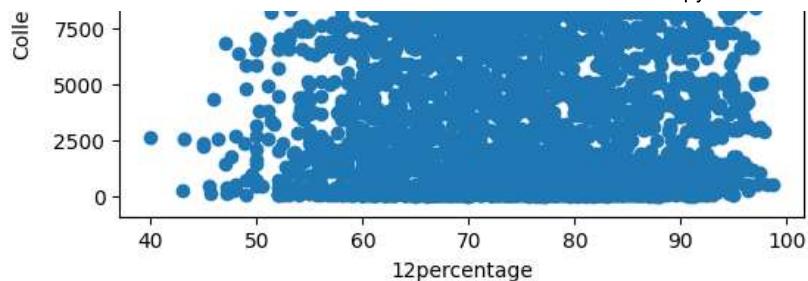


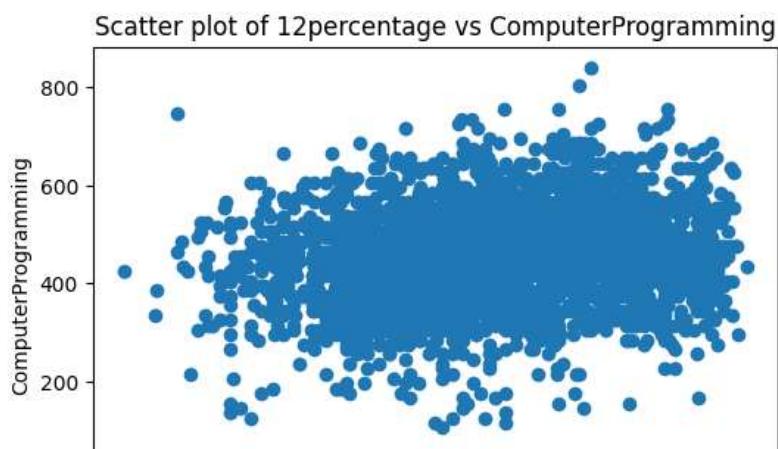
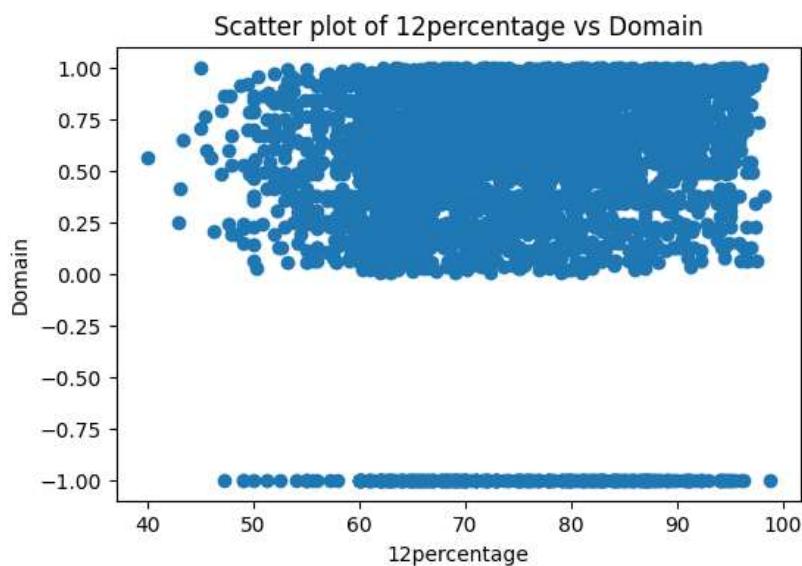
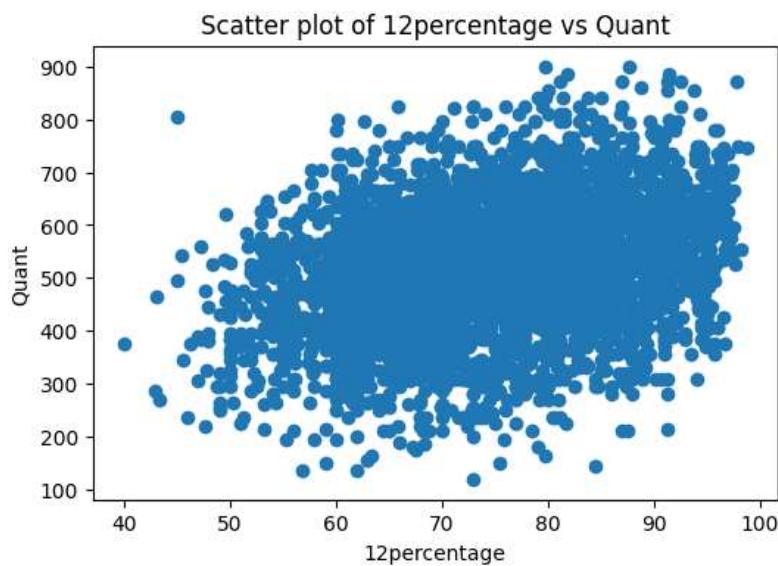
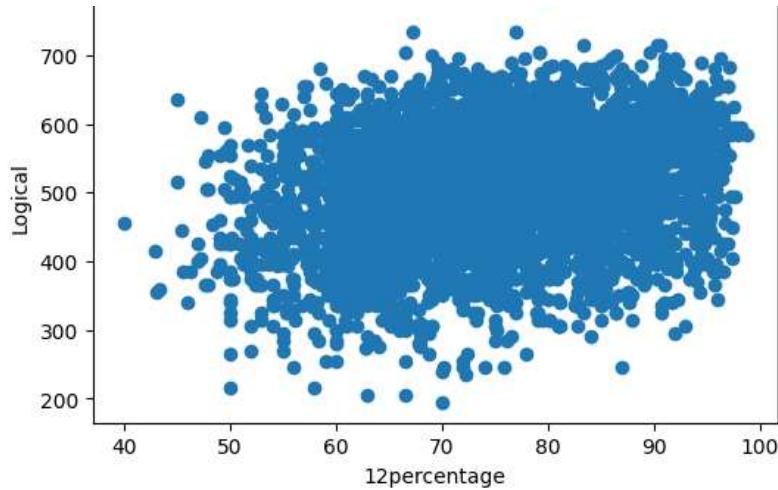
Scatter plot of 12percentage vs collegeGPA

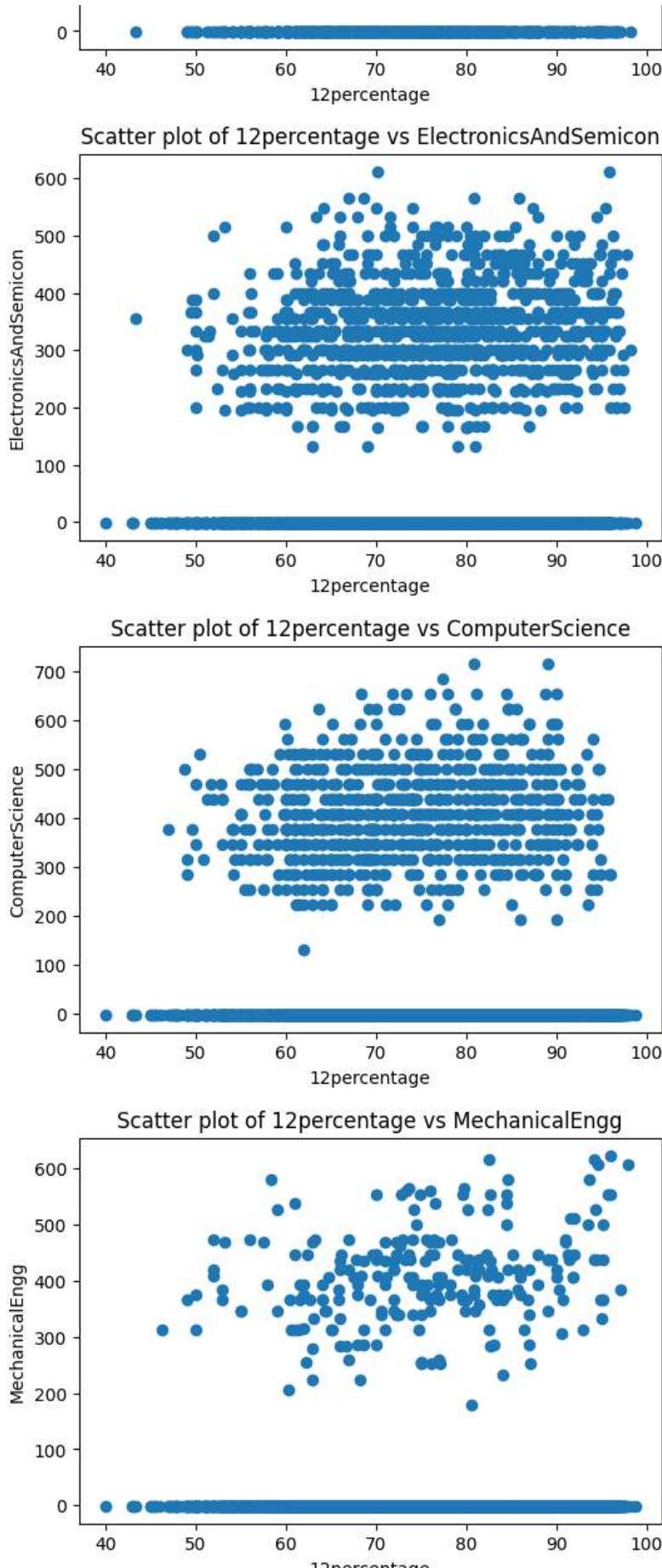


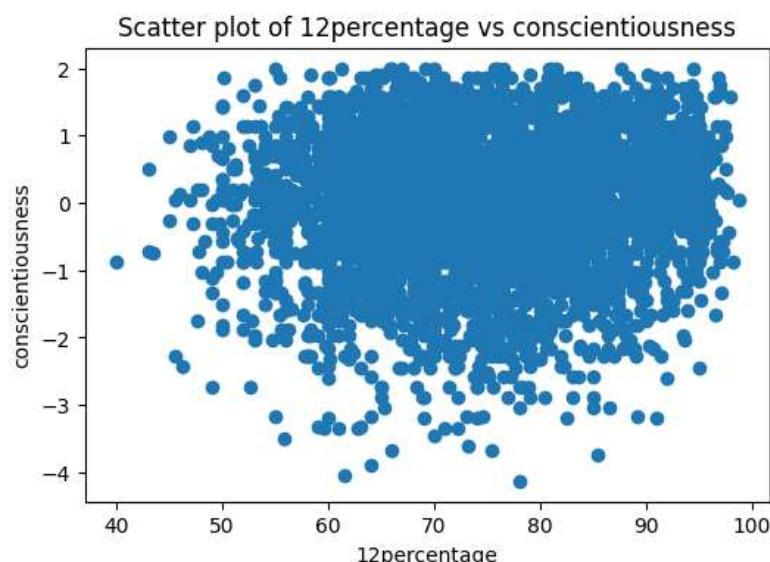
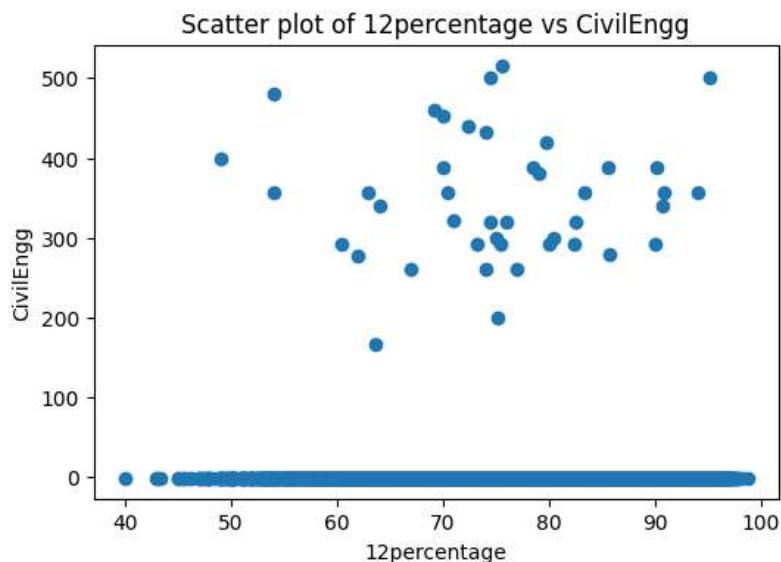
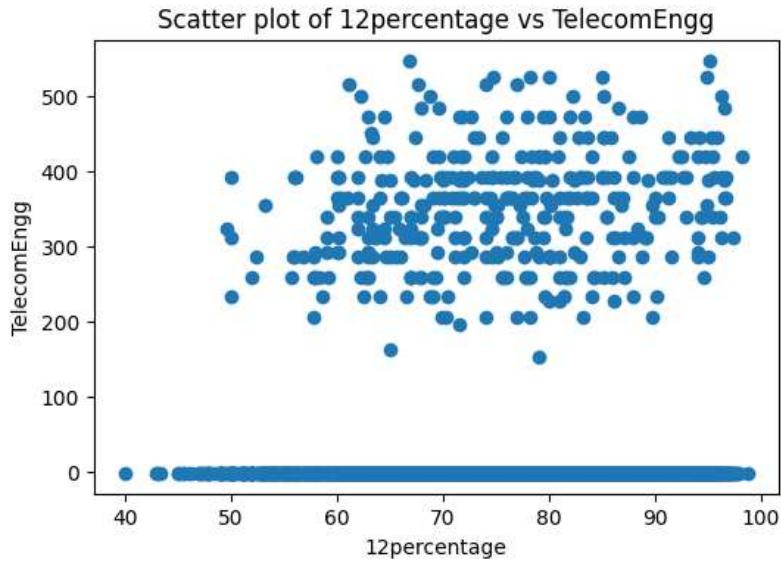
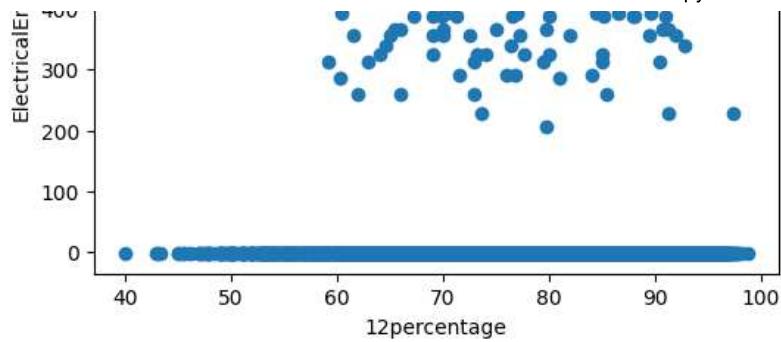
Scatter plot of 12percentage vs CollegeCityID



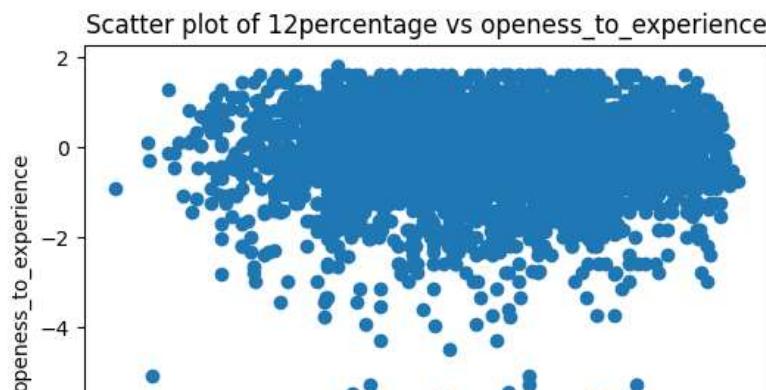
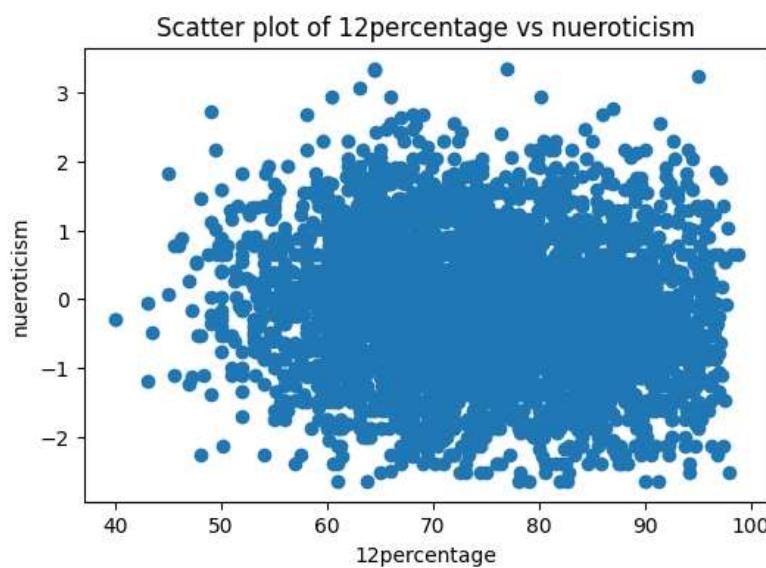
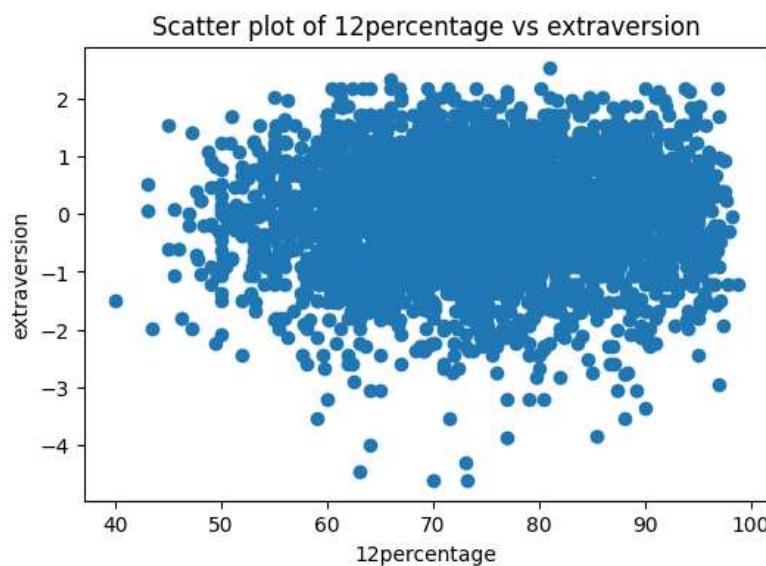
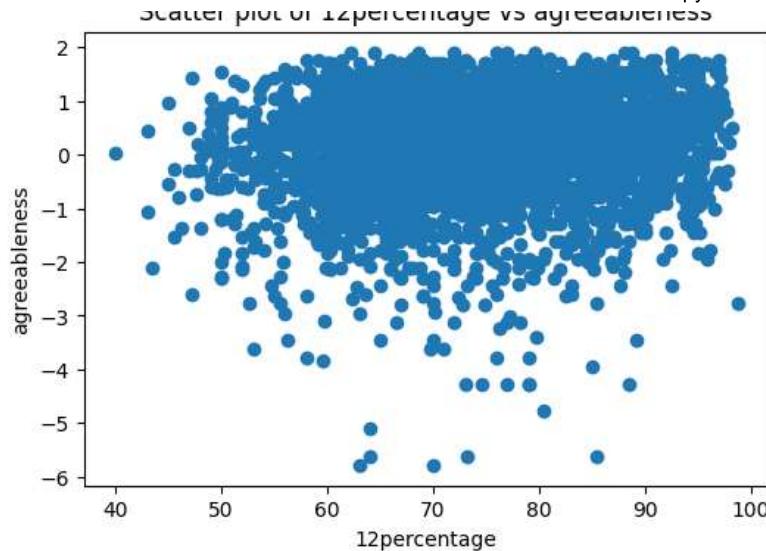


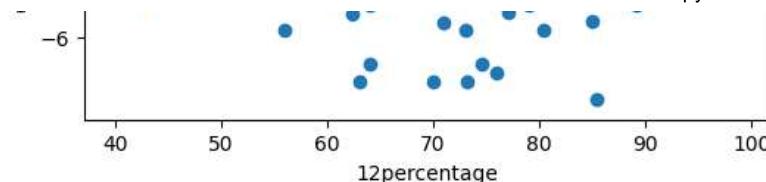




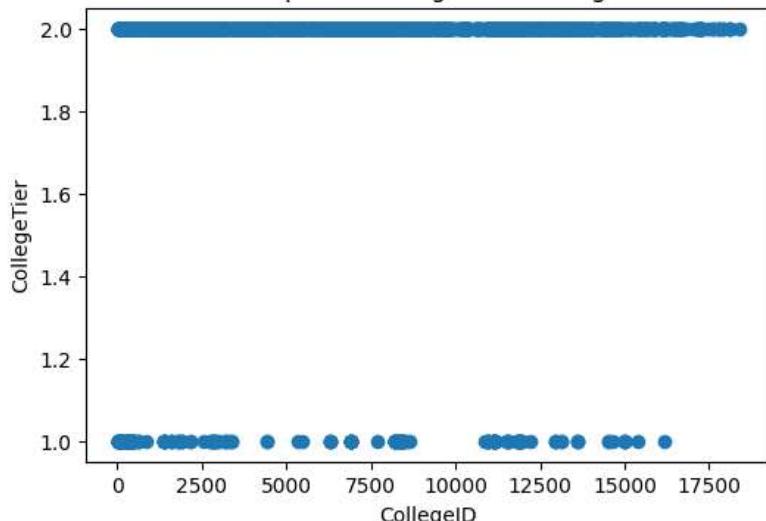


Scatter plot of 12percentage vs agreeableness

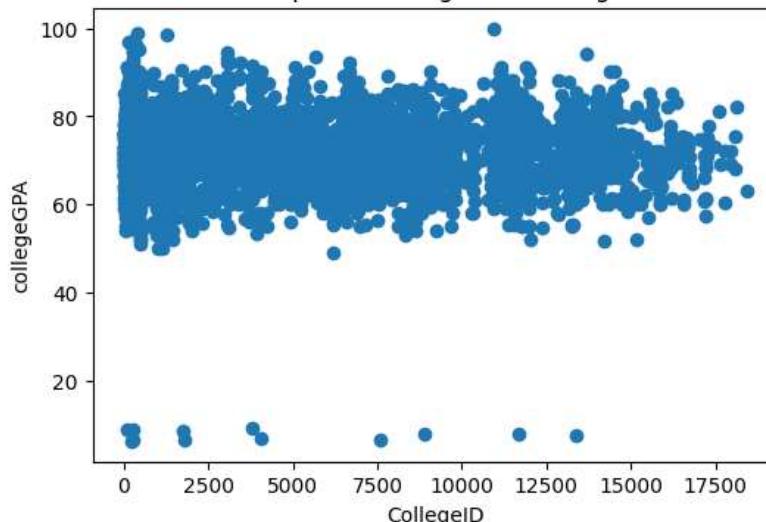




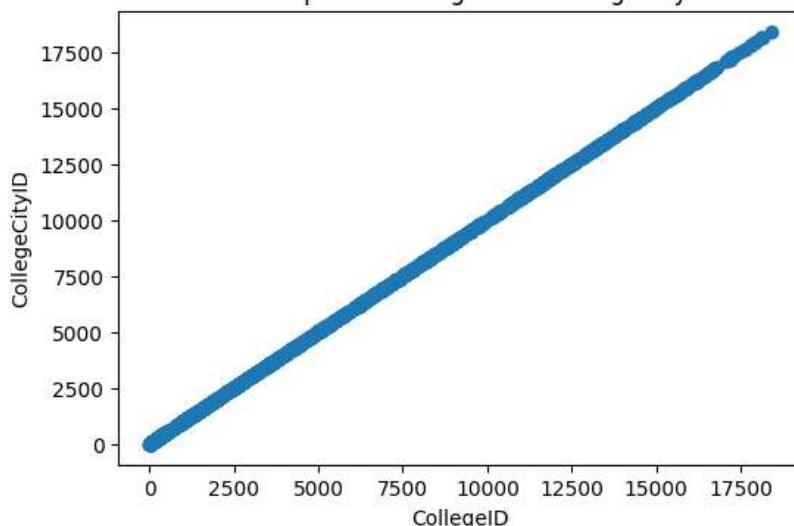
Scatter plot of CollegeID vs CollegeTier



Scatter plot of CollegeID vs collegeGPA

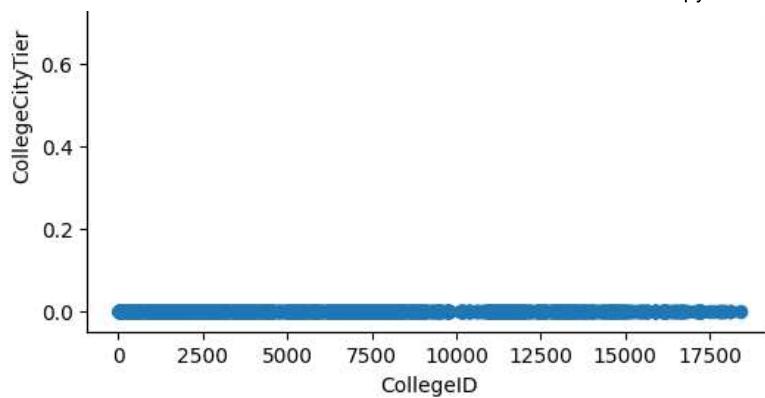


Scatter plot of CollegeID vs CollegeCityID

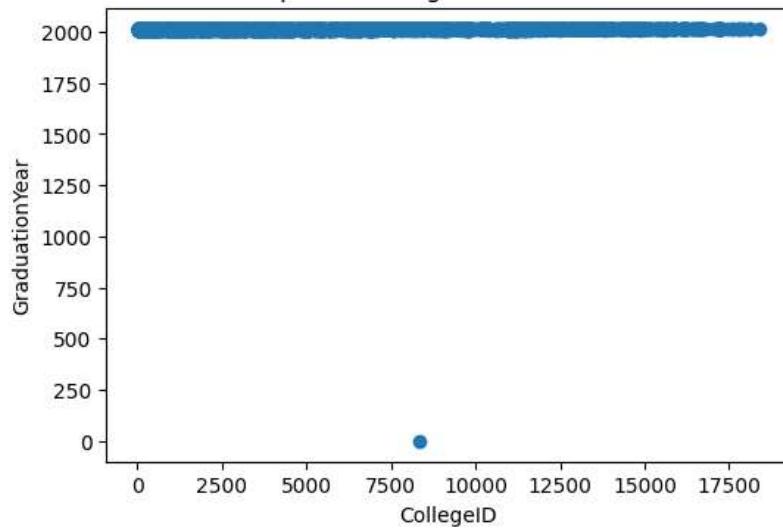


Scatter plot of CollegeID vs CollegeCityTier

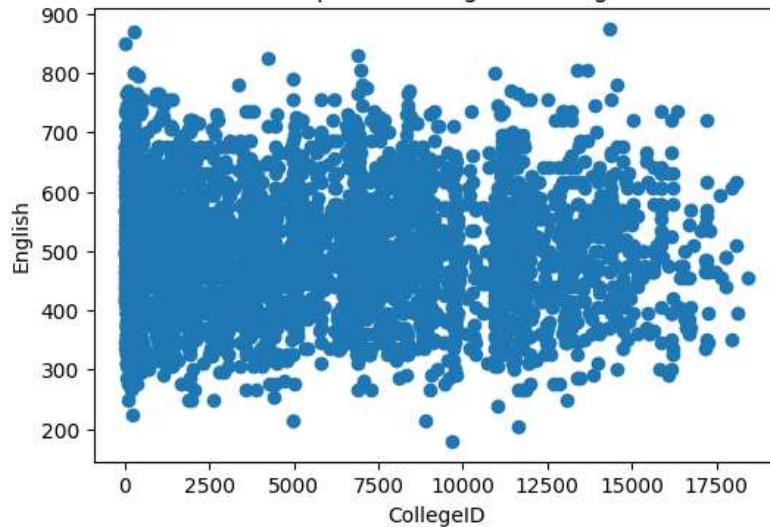




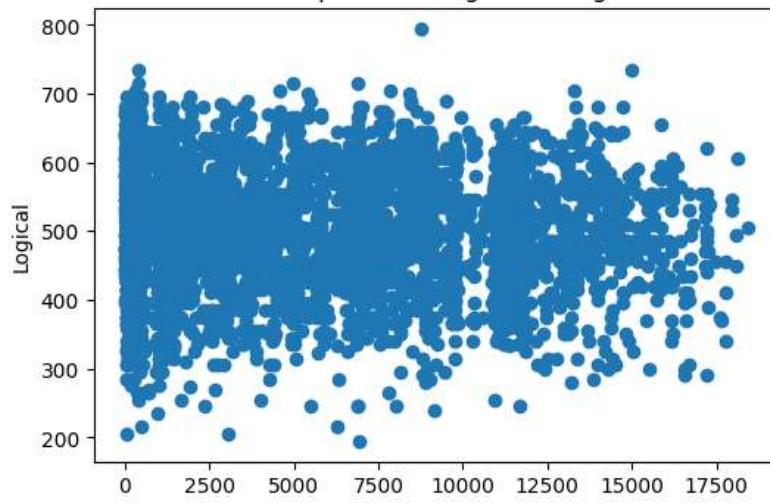
Scatter plot of CollegeID vs GraduationYear



Scatter plot of CollegeID vs English

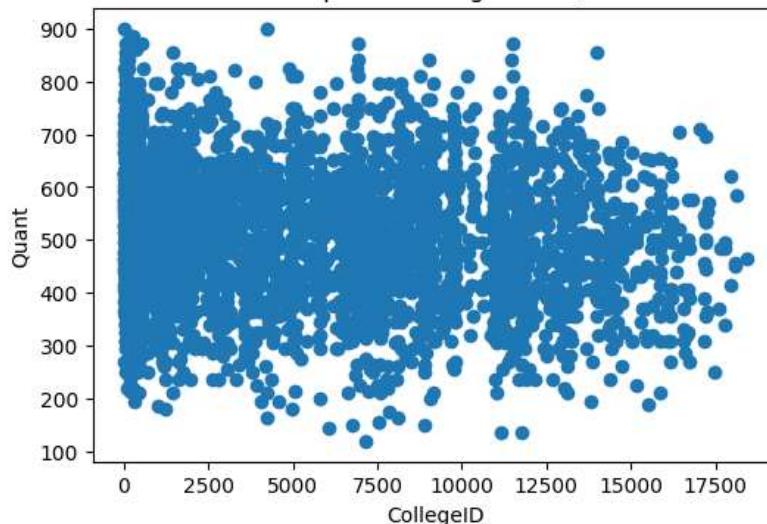


Scatter plot of CollegeID vs Logical

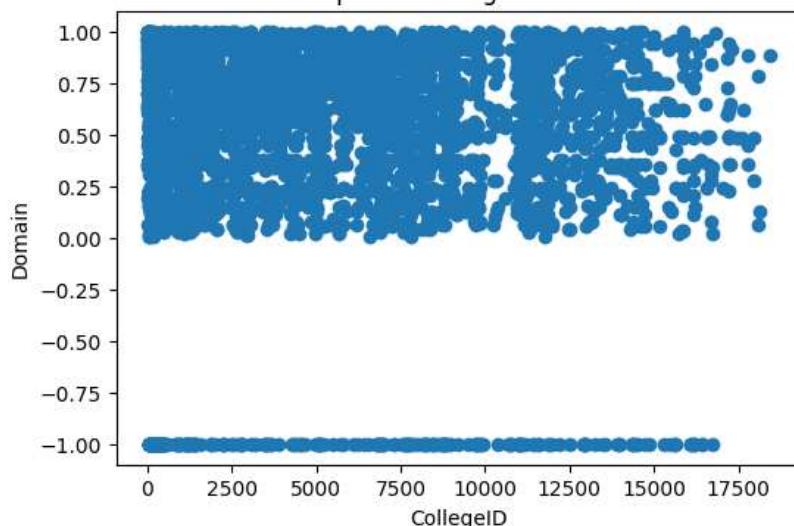


CollegeID

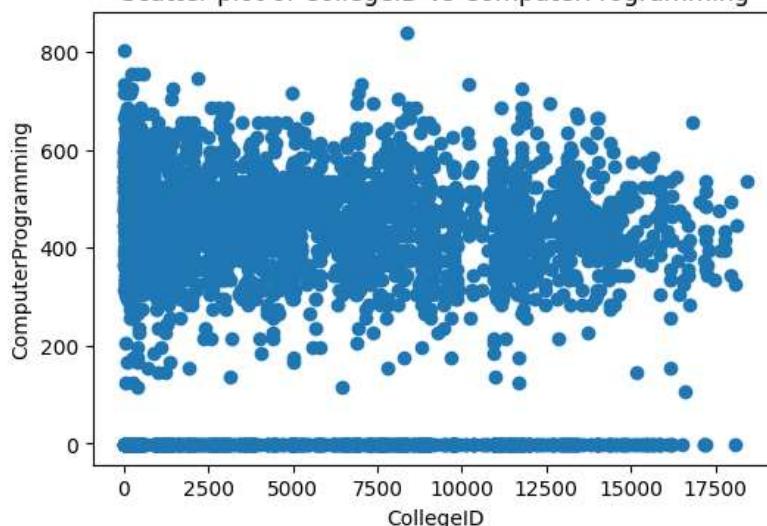
Scatter plot of CollegeID vs Quant



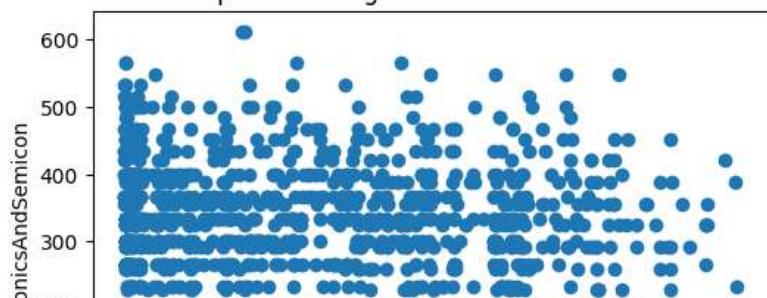
Scatter plot of CollegeID vs Domain

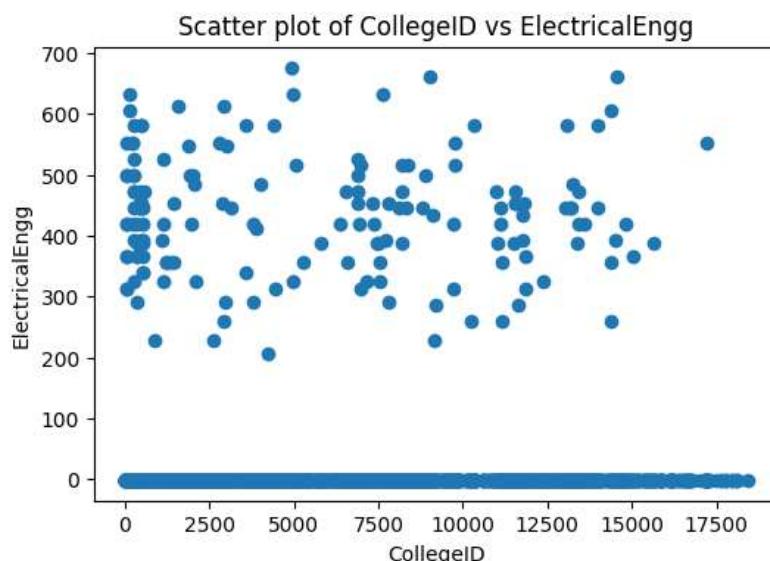
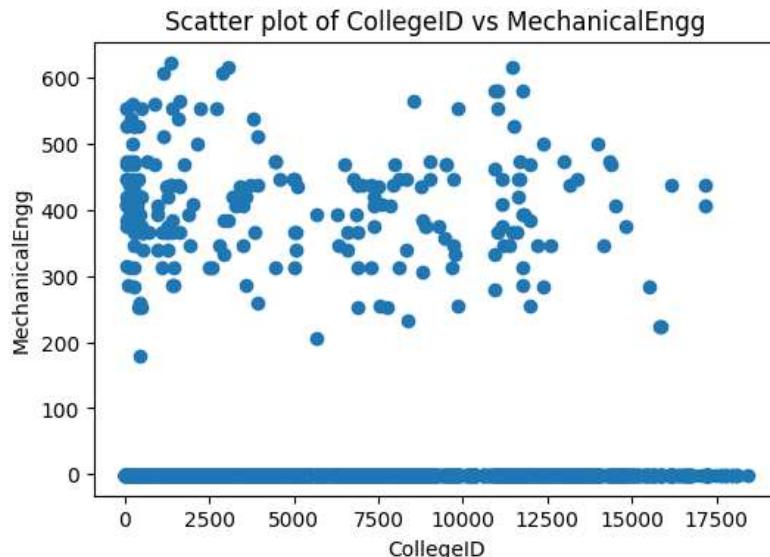
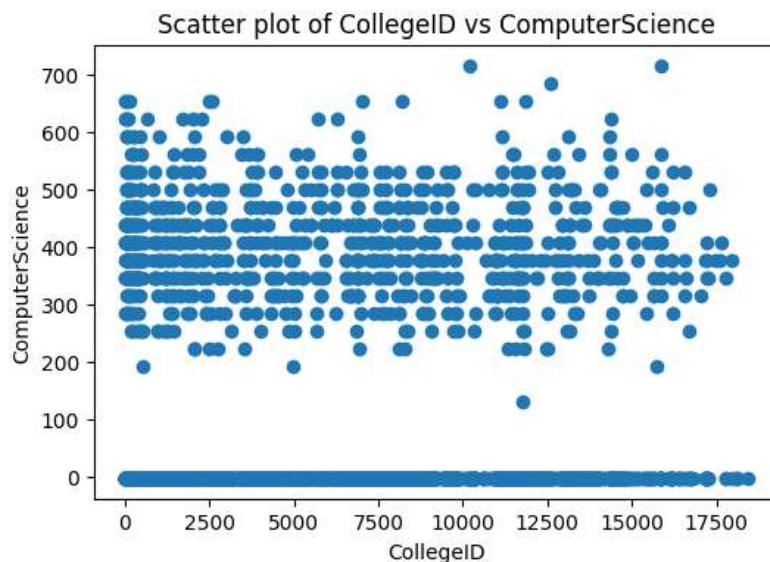
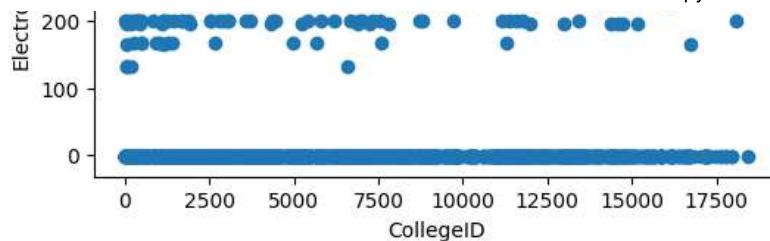


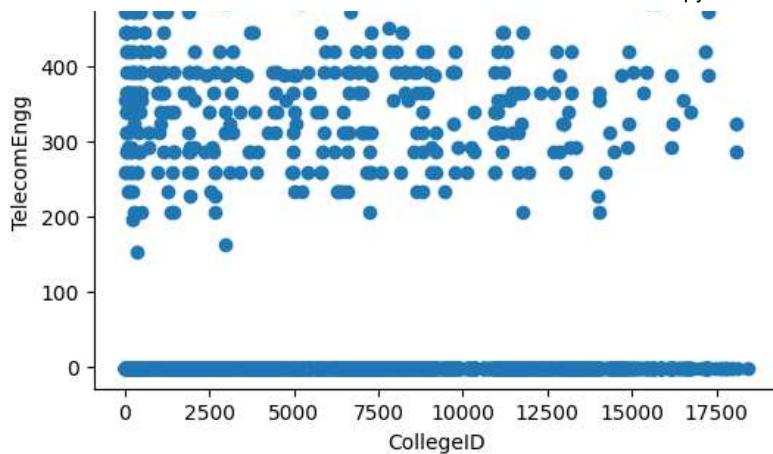
Scatter plot of CollegeID vs ComputerProgramming



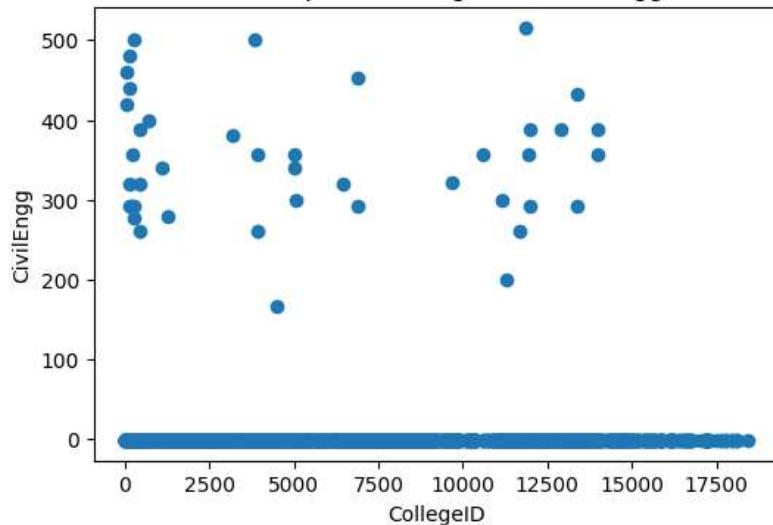
Scatter plot of CollegeID vs ElectronicsAndSemicon



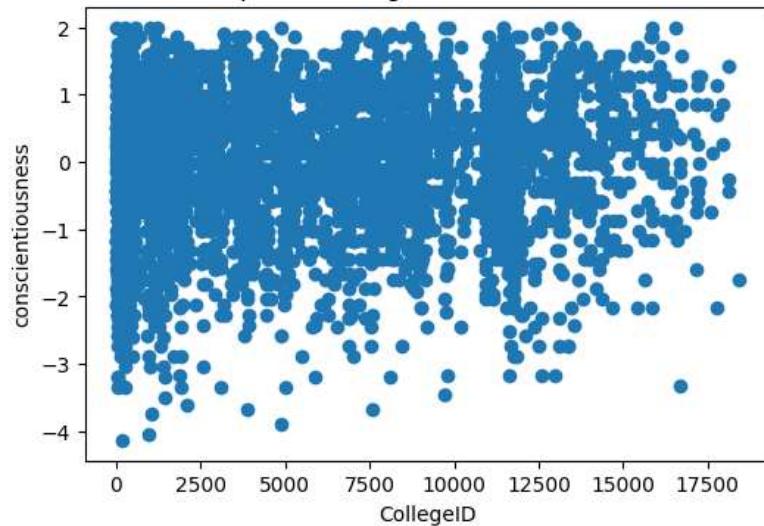




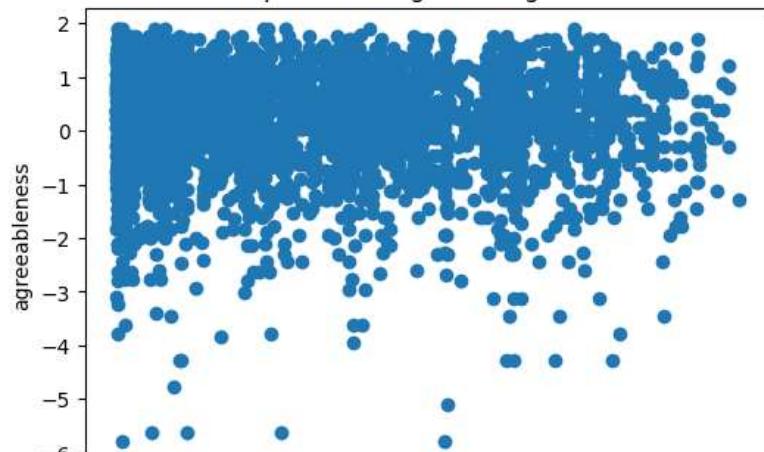
Scatter plot of CollegeID vs CivilEngg

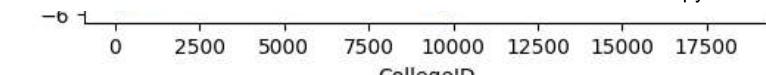


Scatter plot of CollegeID vs conscientiousness

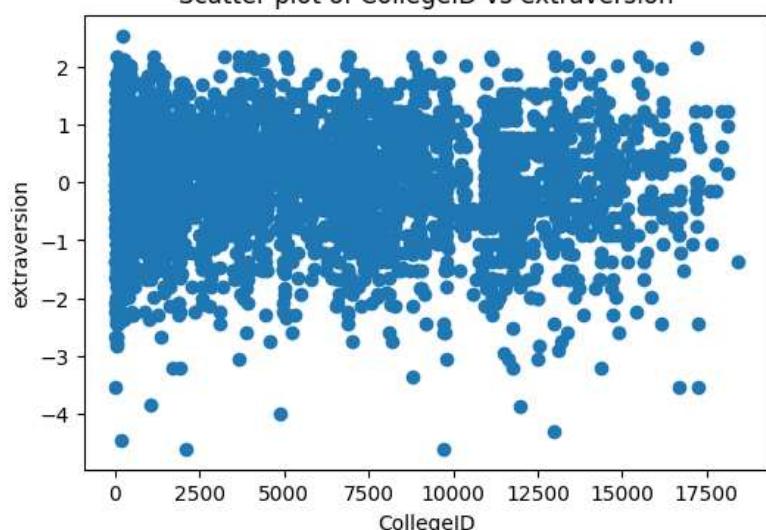


Scatter plot of CollegeID vs agreeableness

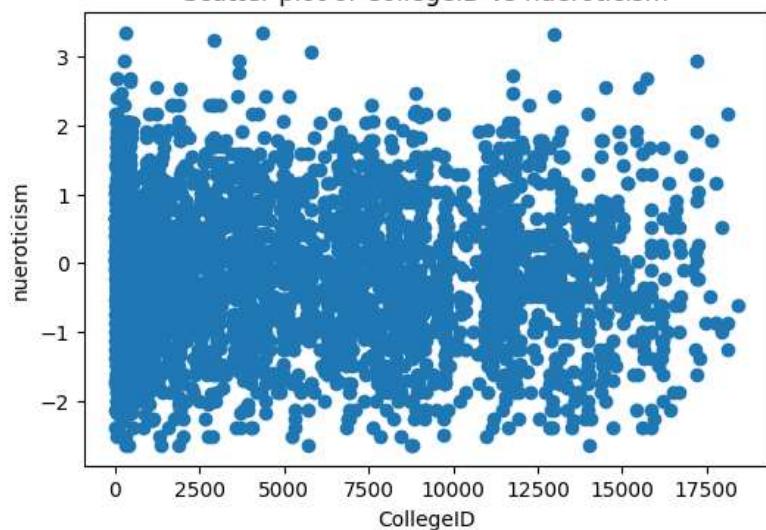




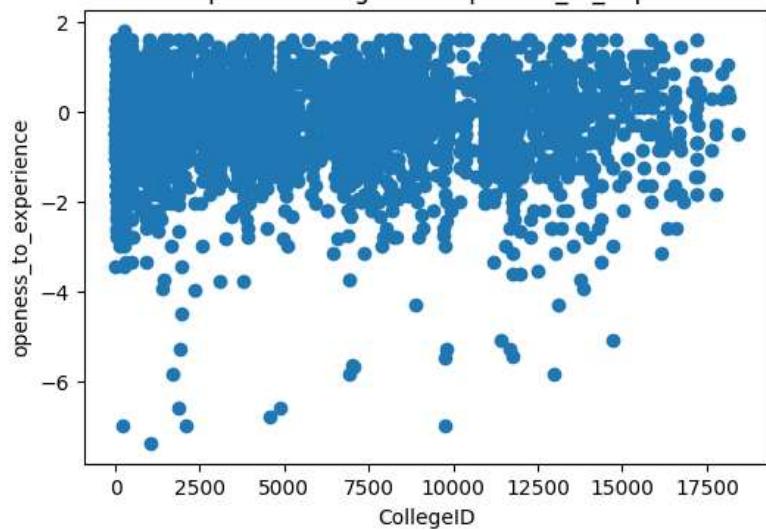
Scatter plot of CollegeID vs extraversion



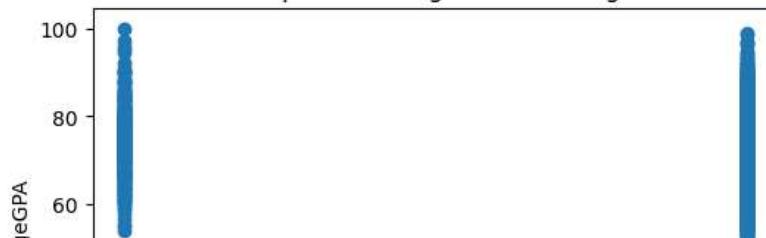
Scatter plot of CollegeID vs nueroticism

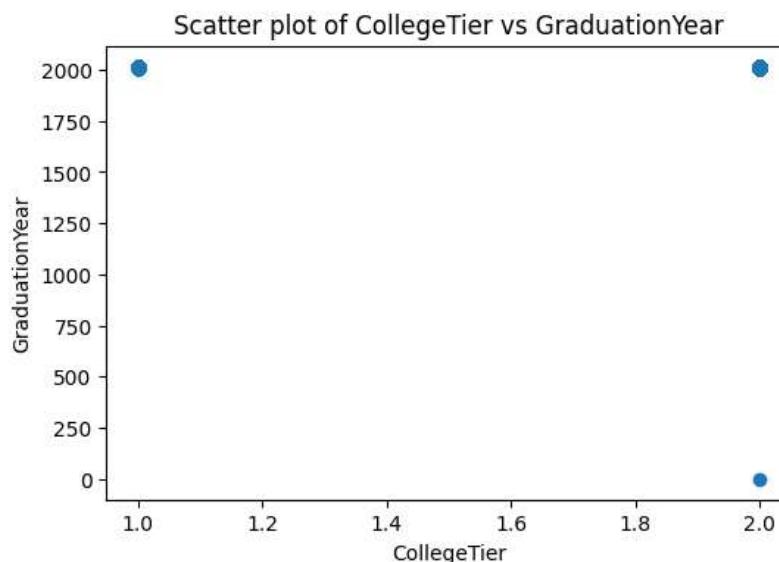
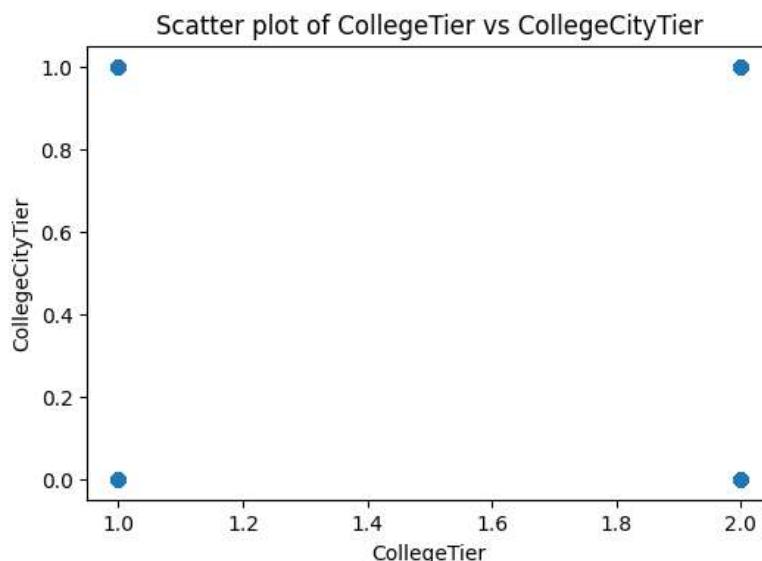
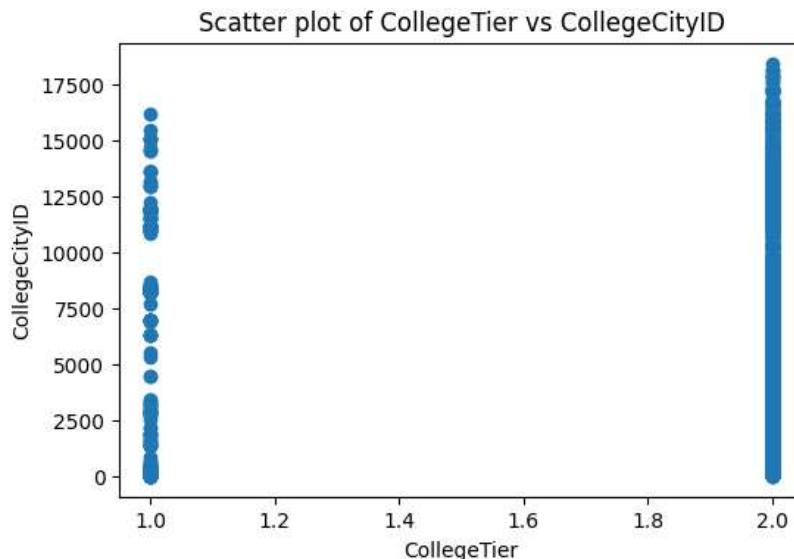
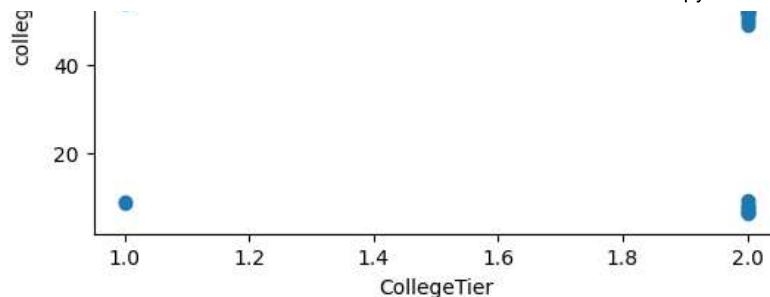


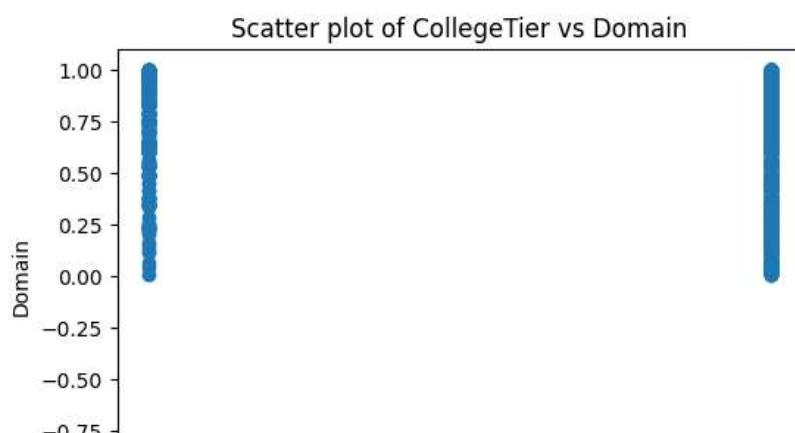
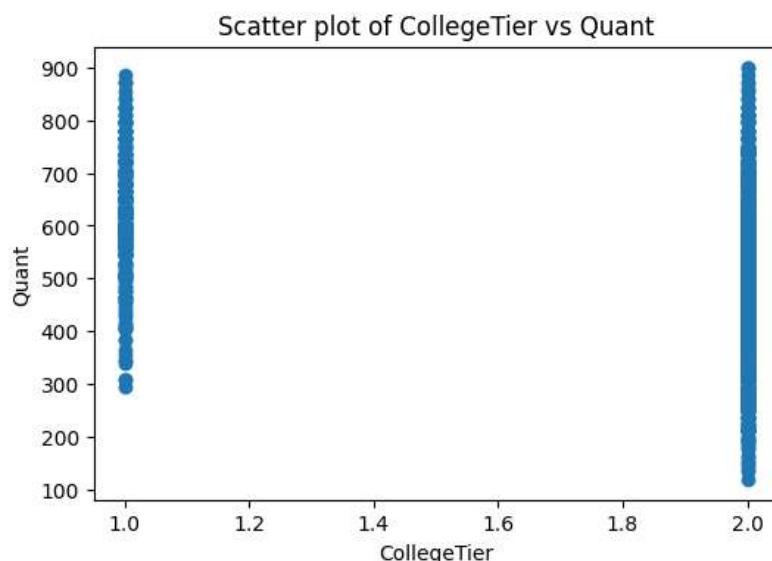
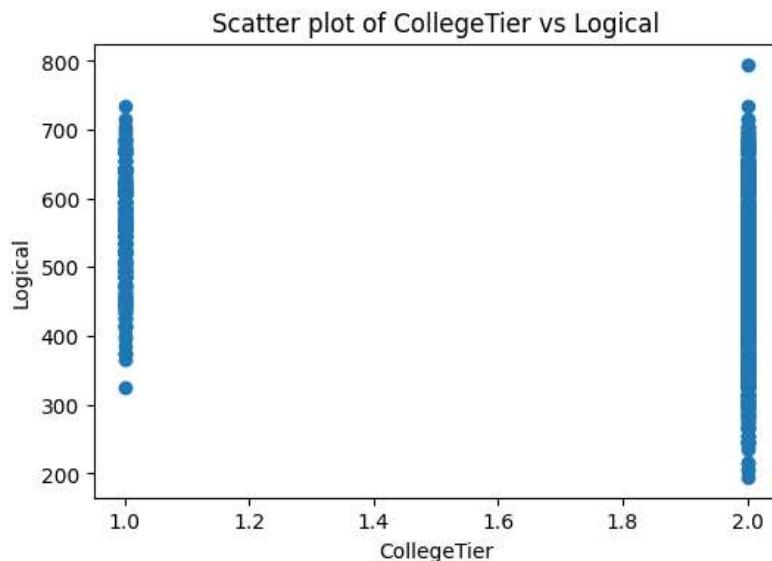
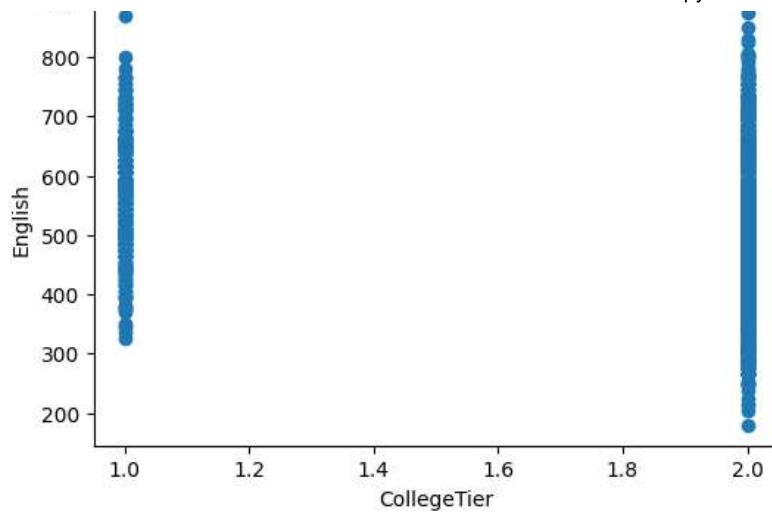
Scatter plot of CollegeID vs openness_to_experience

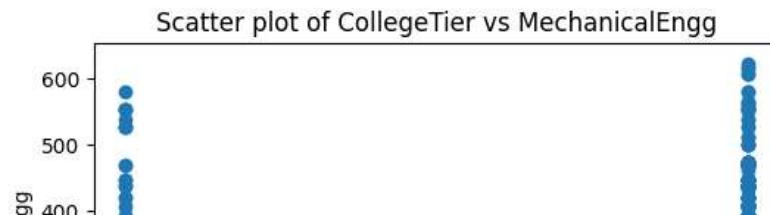
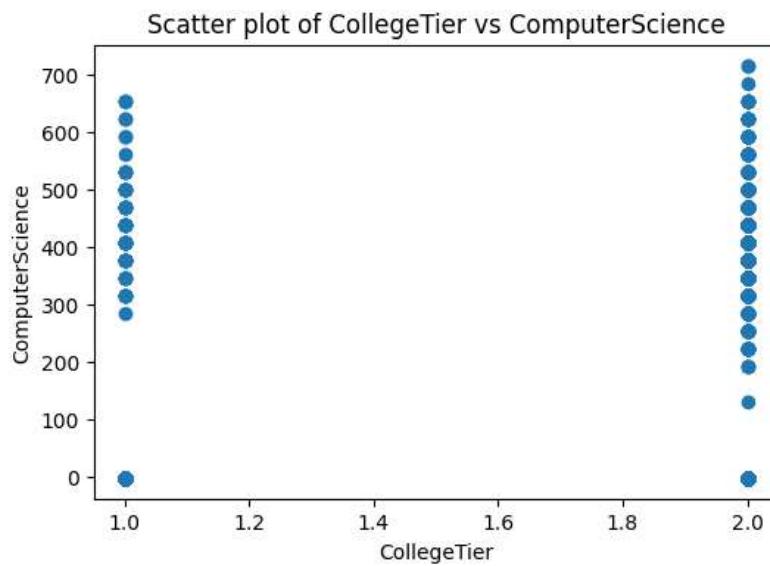
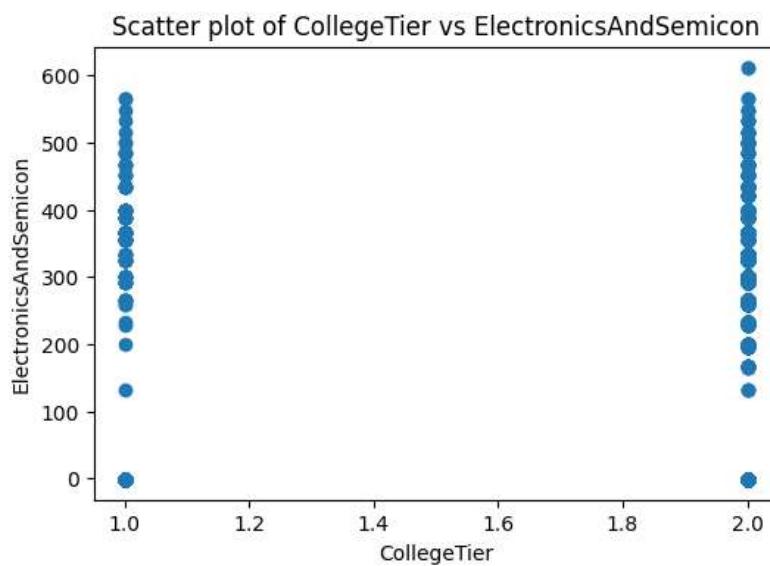
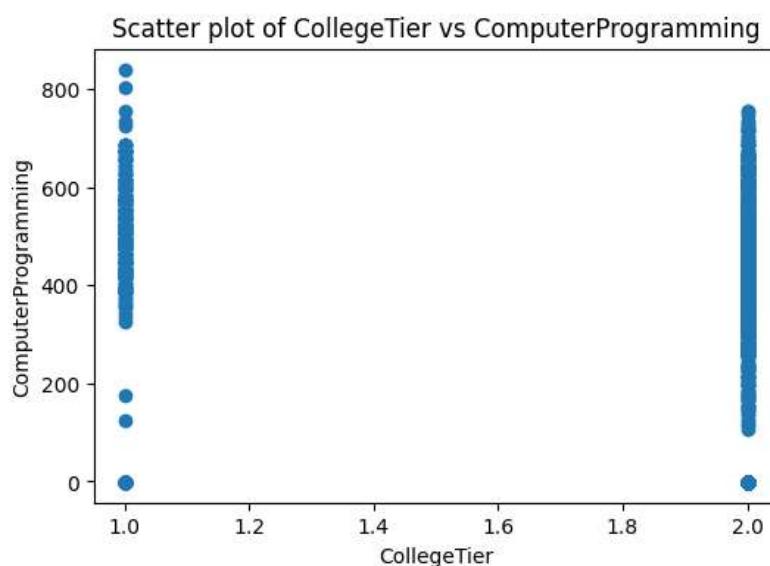
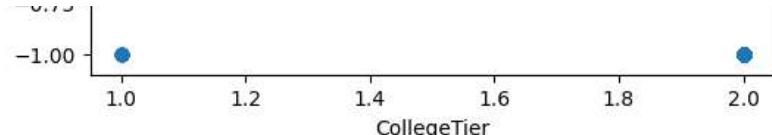


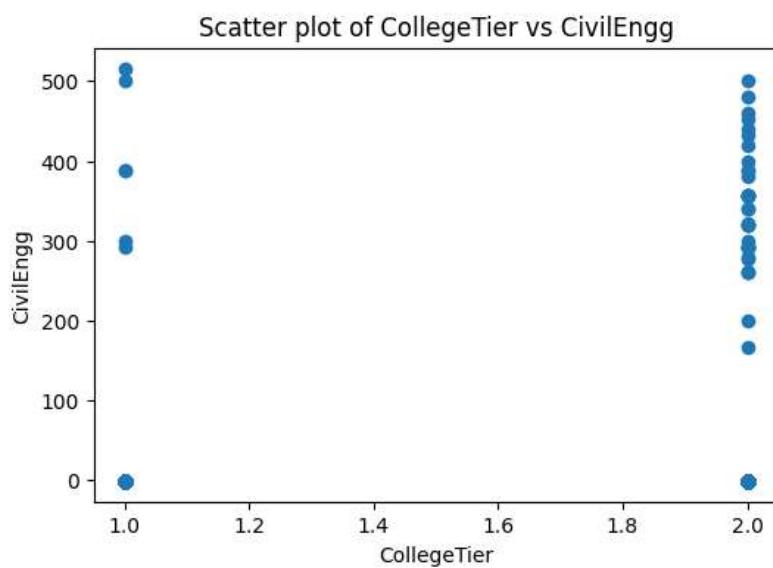
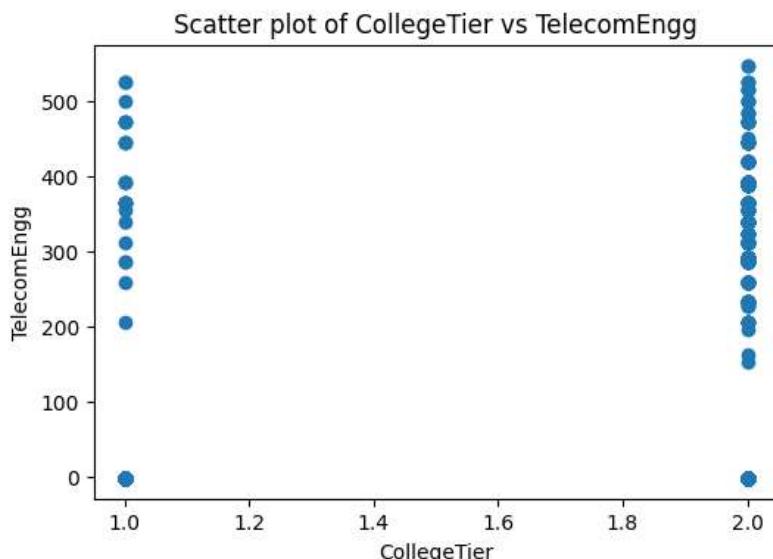
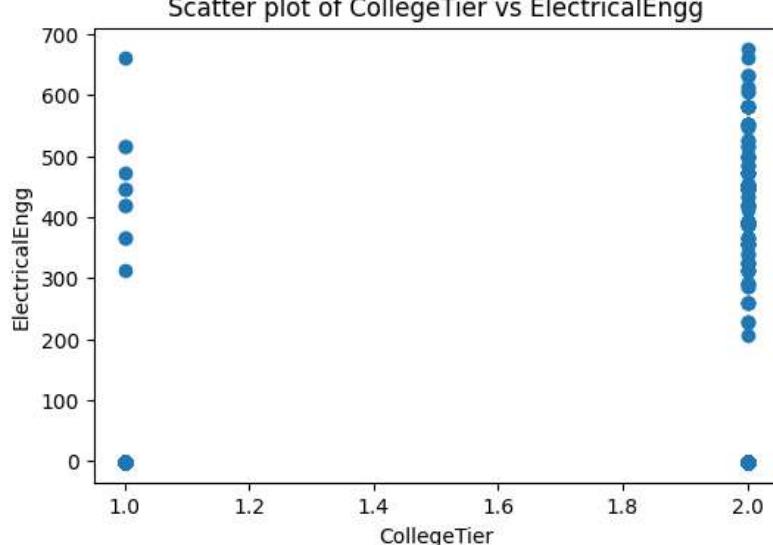
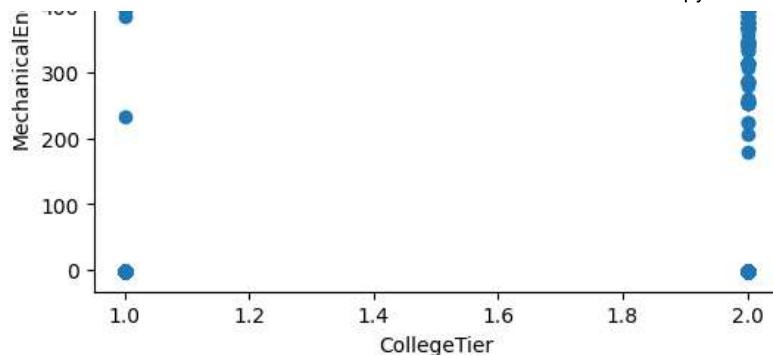
Scatter plot of CollegeTier vs collegeGPA

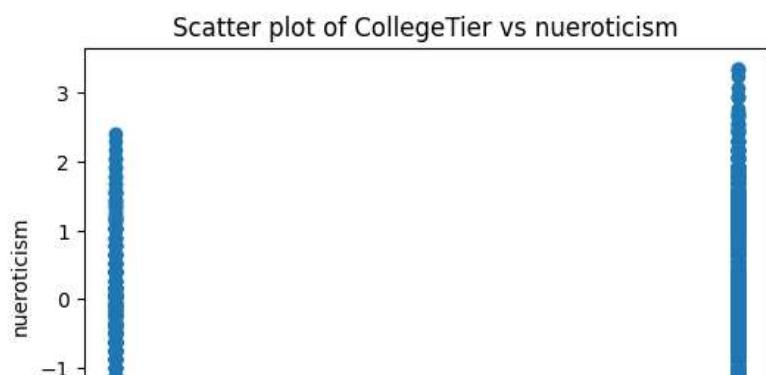
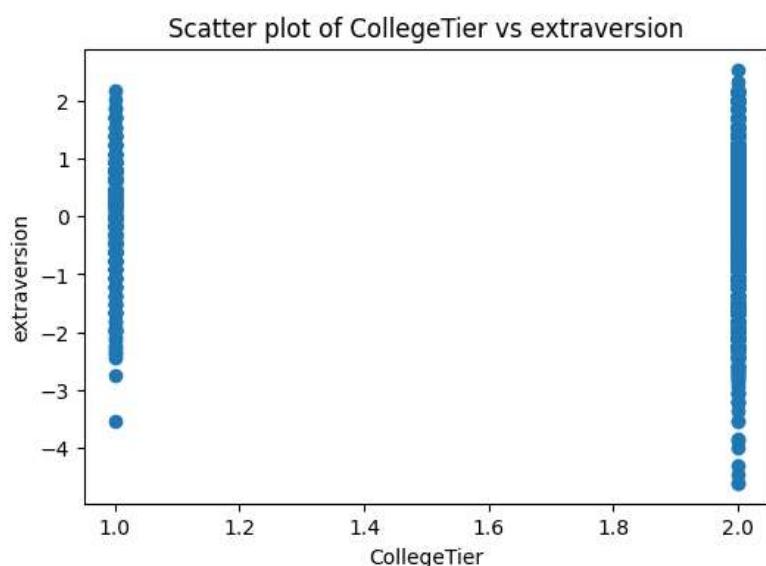
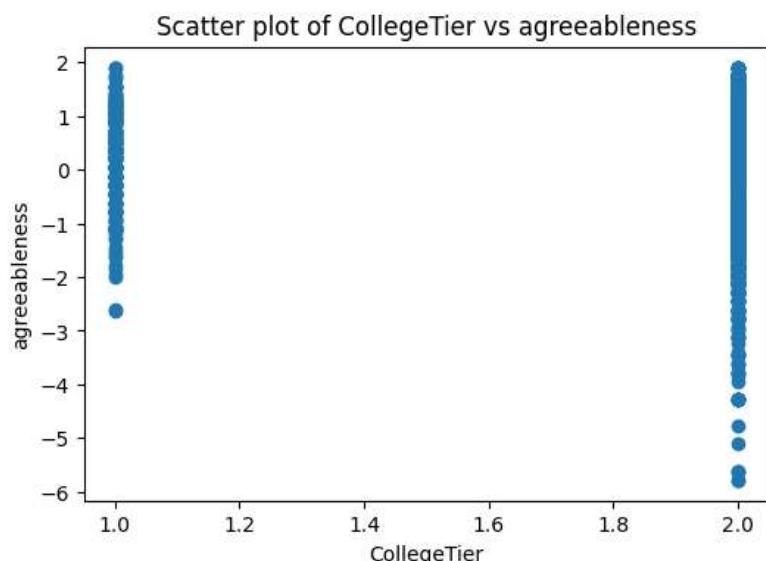
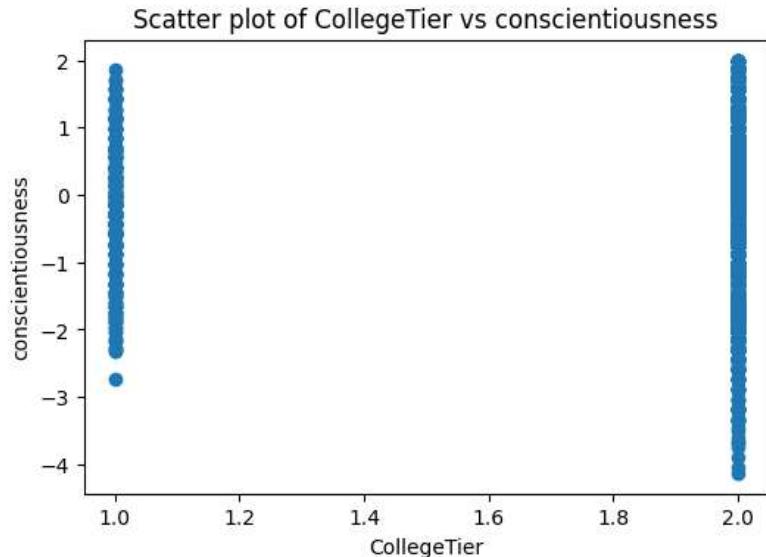


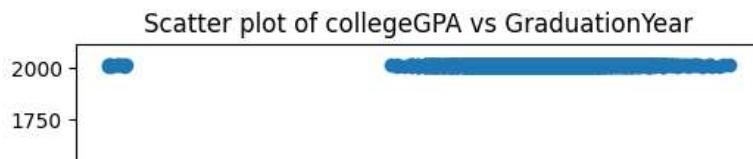
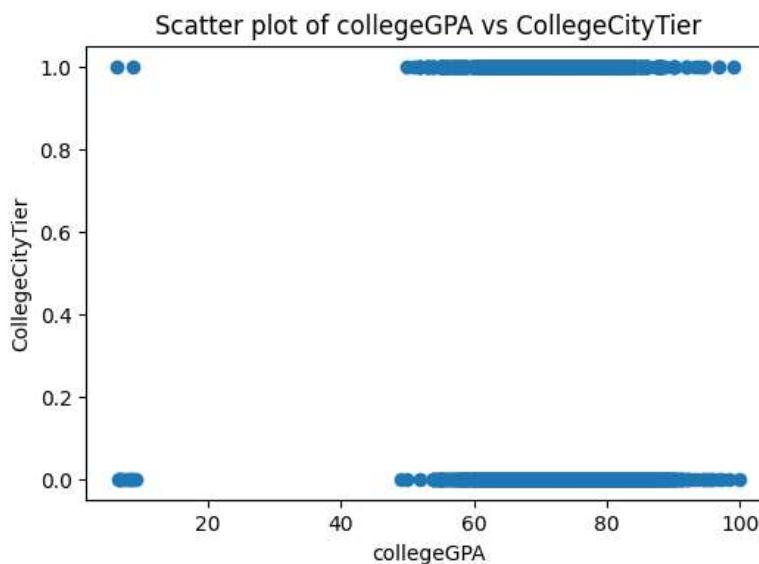
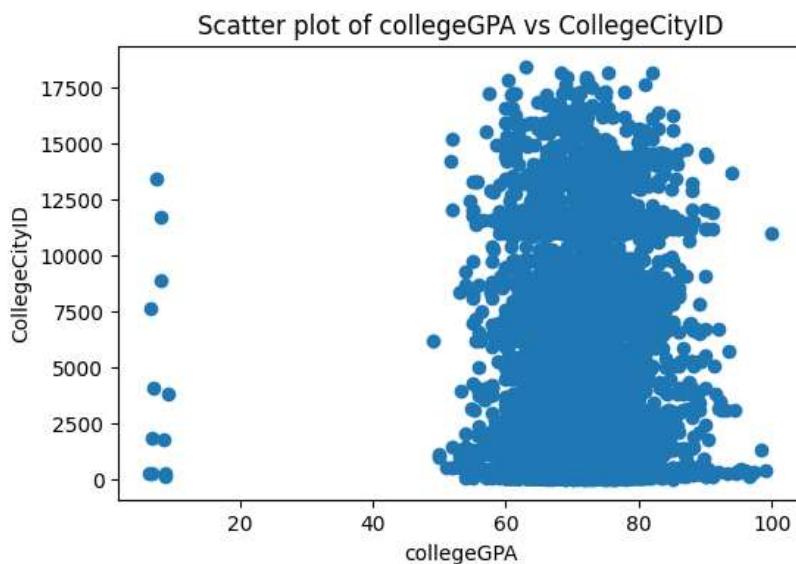
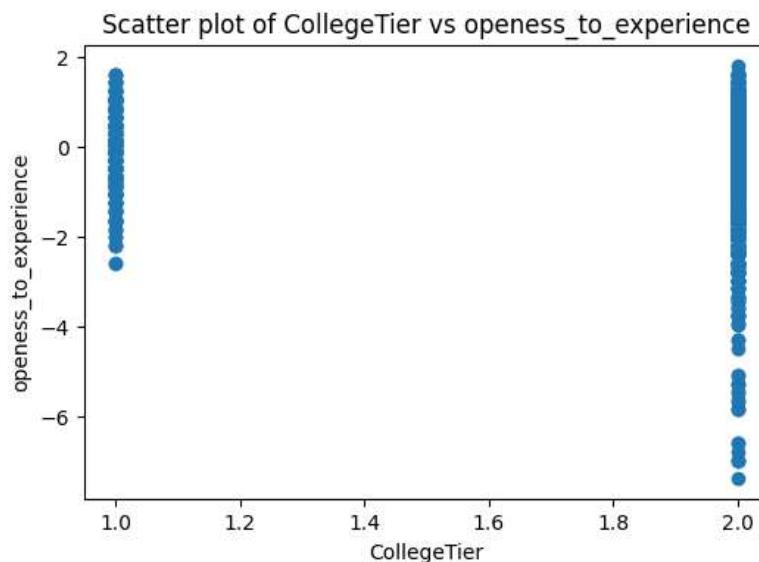
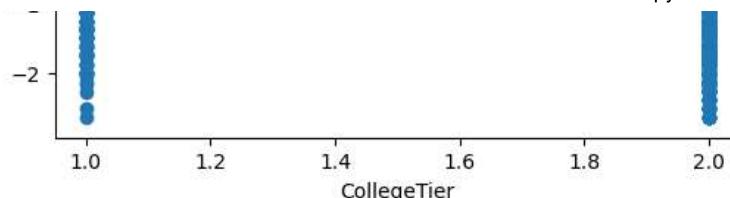


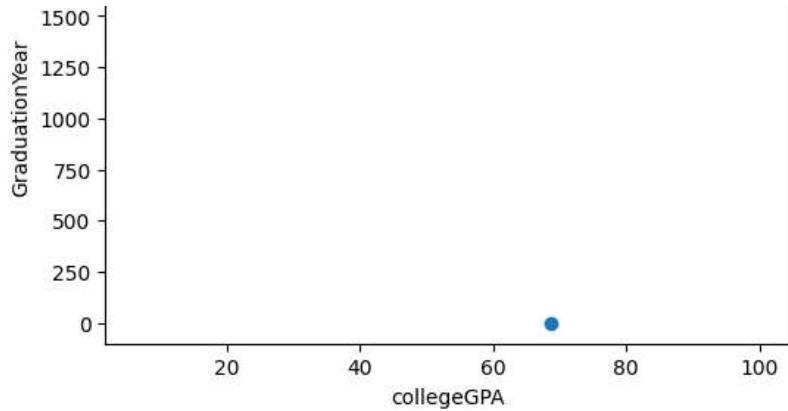




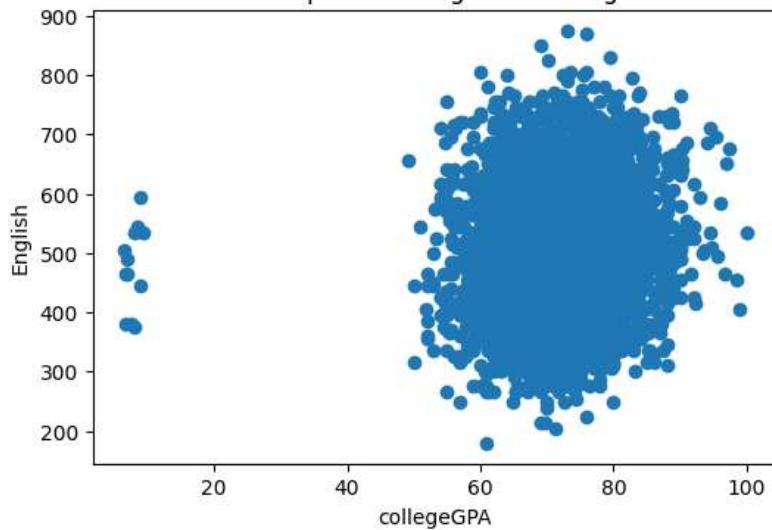




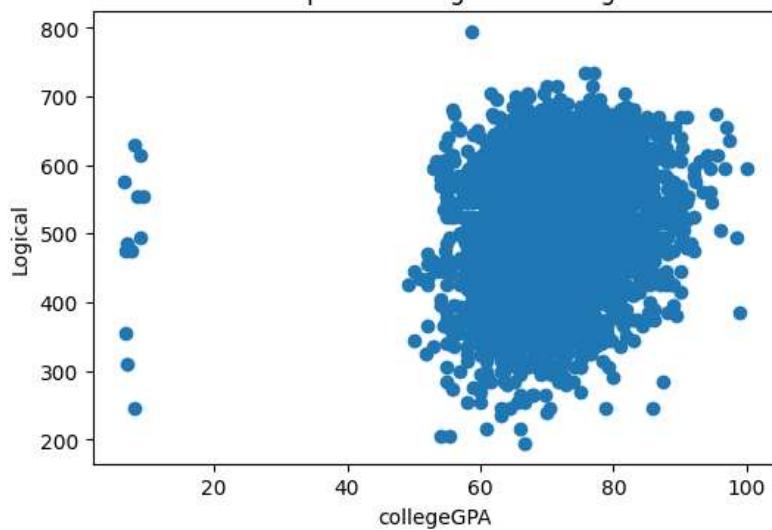




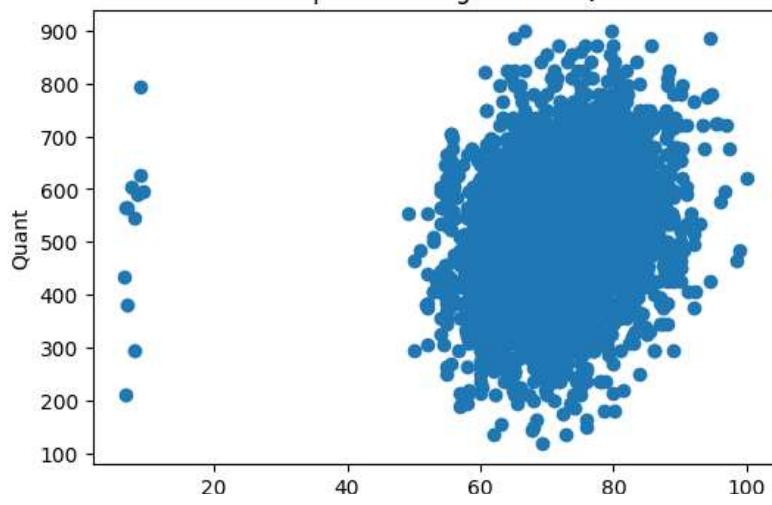
Scatter plot of collegeGPA vs English



Scatter plot of collegeGPA vs Logical

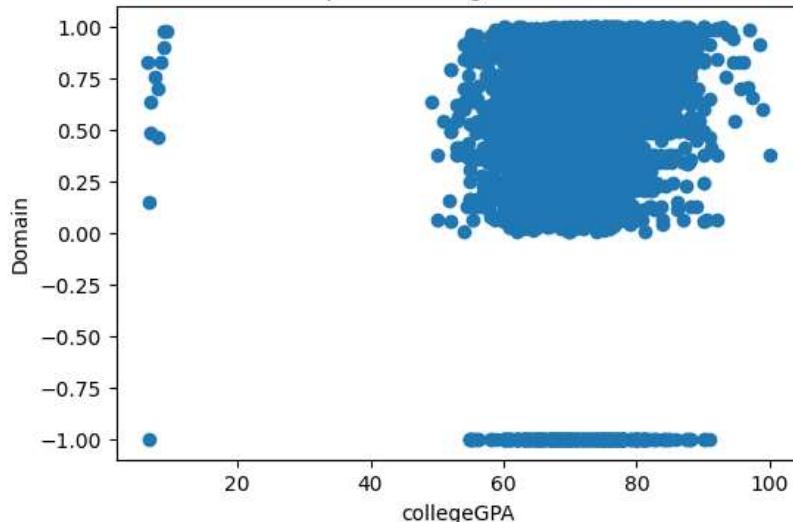


Scatter plot of collegeGPA vs Quant

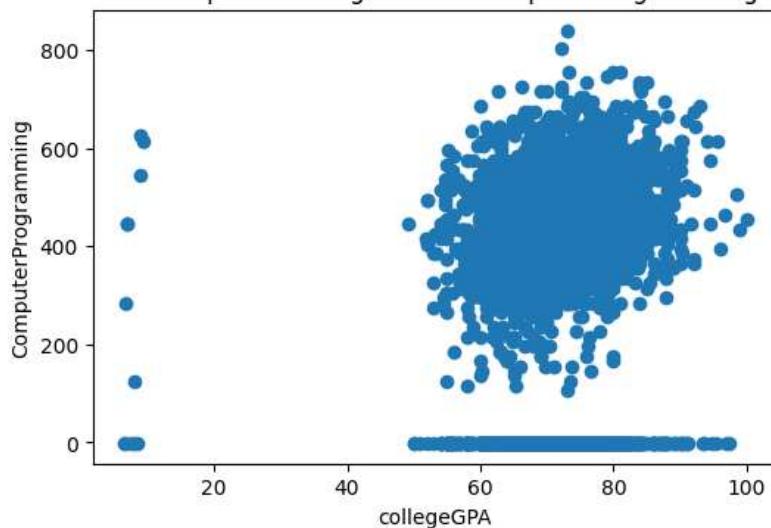


collegeGPA

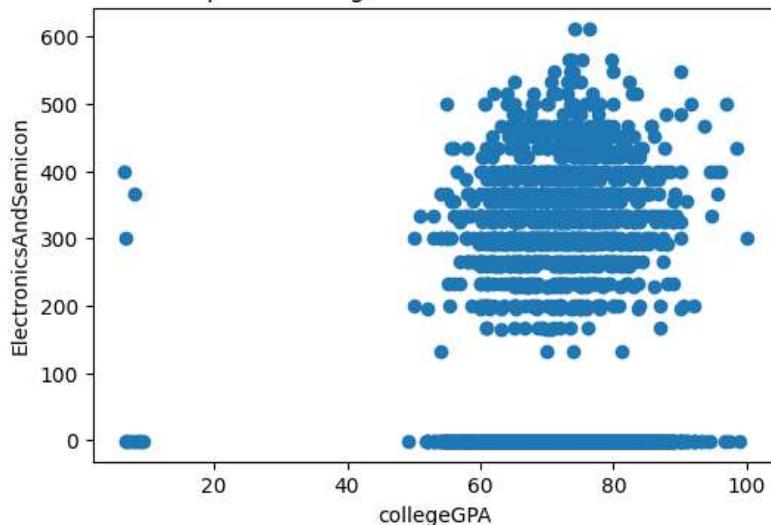
Scatter plot of collegeGPA vs Domain



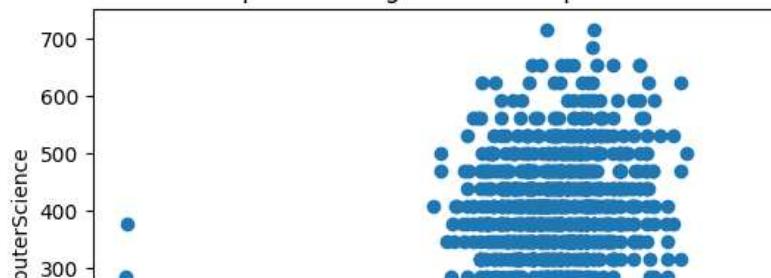
Scatter plot of collegeGPA vs ComputerProgramming

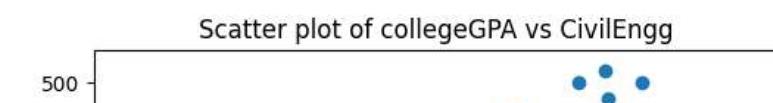
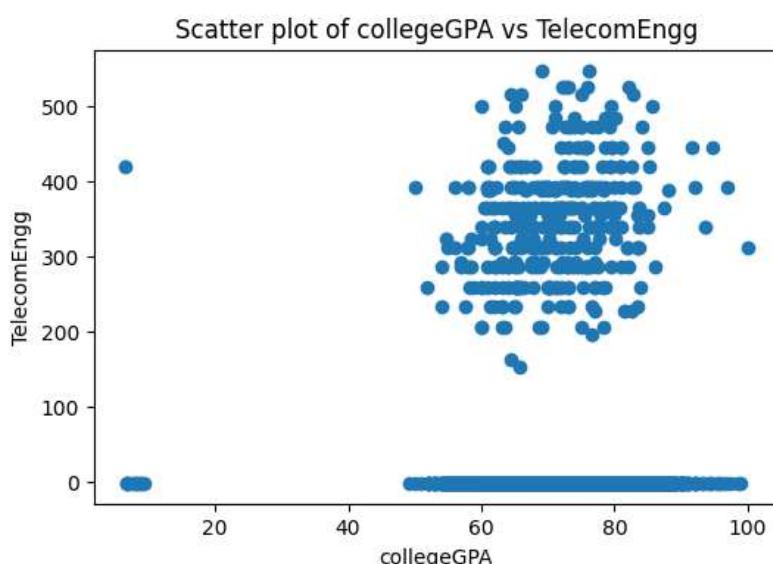
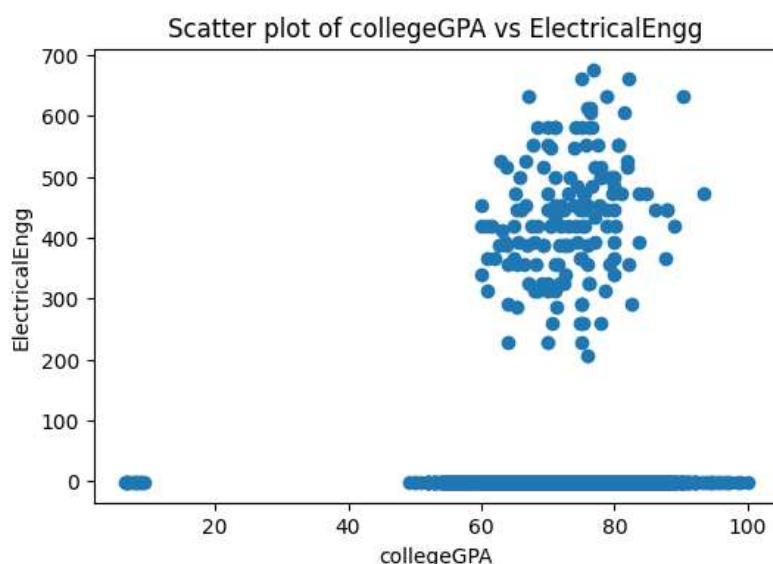
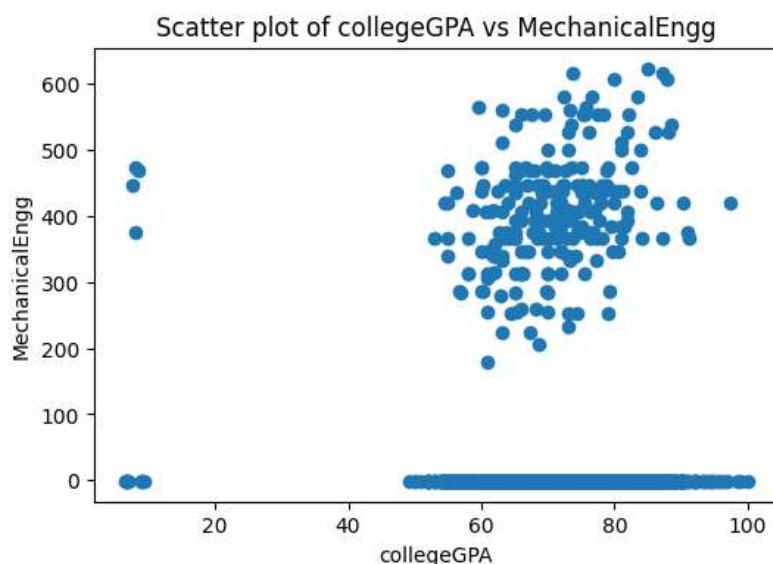
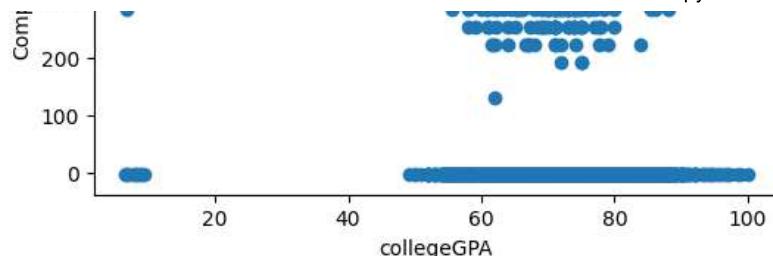


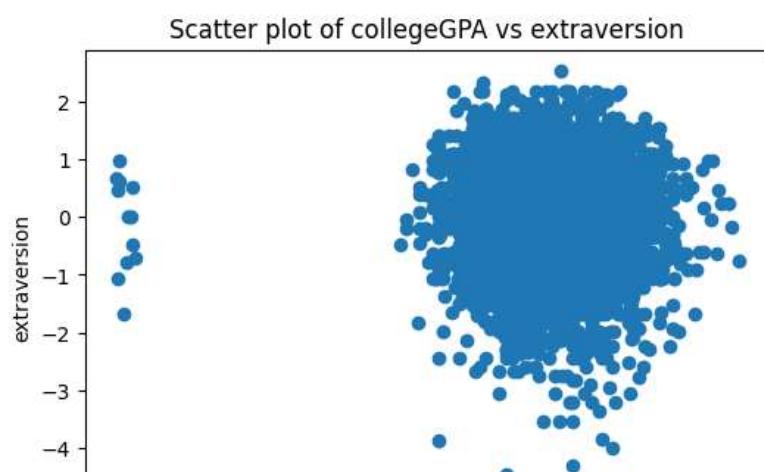
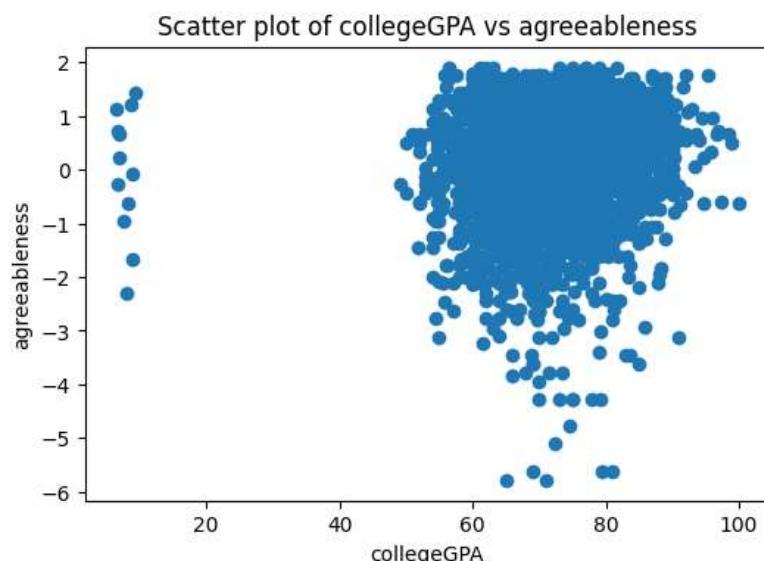
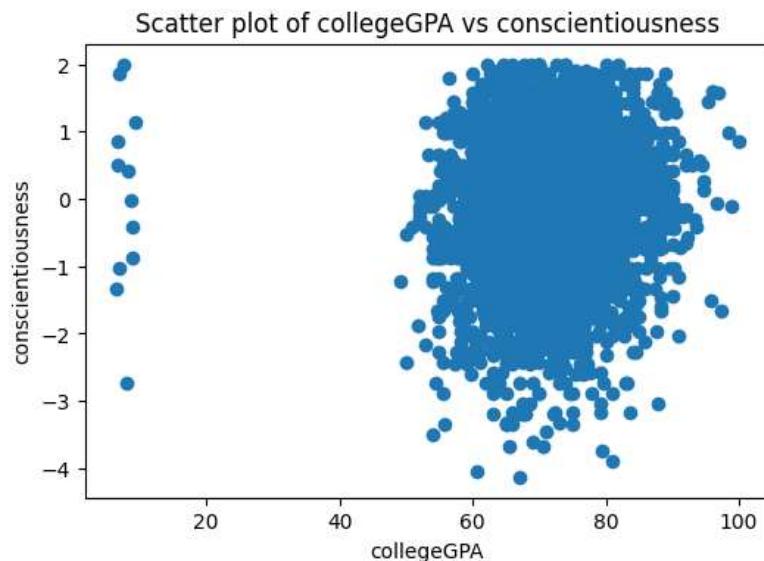
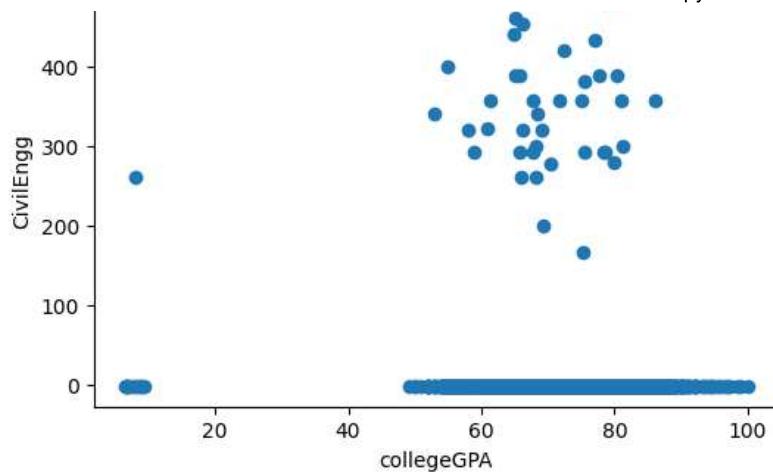
Scatter plot of collegeGPA vs ElectronicsAndSemicon

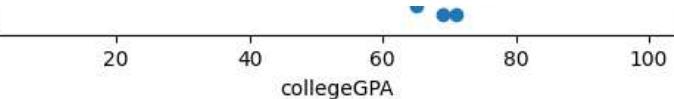


Scatter plot of collegeGPA vs ComputerScience

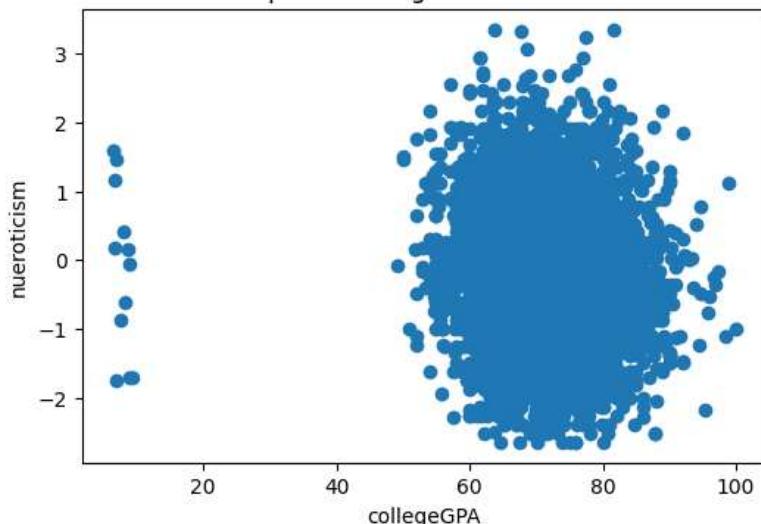




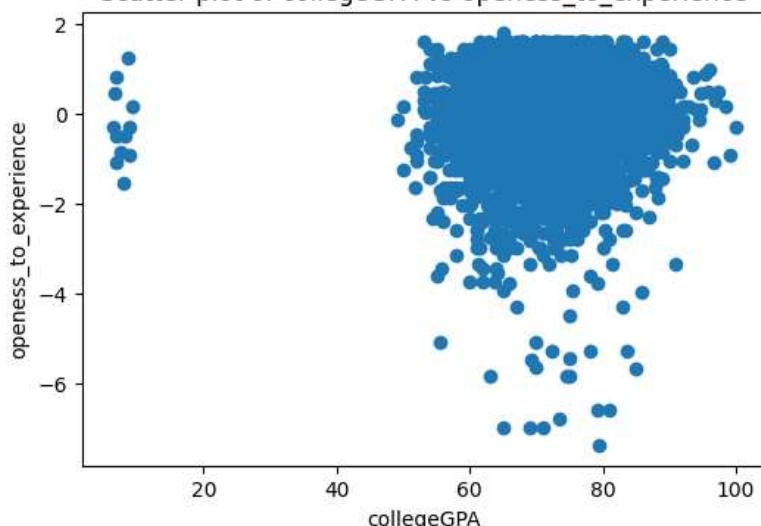




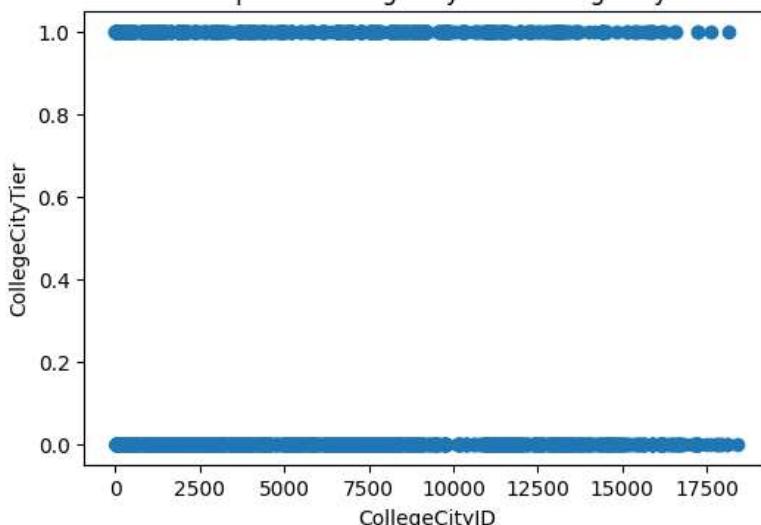
Scatter plot of collegeGPA vs CollegeCityTier



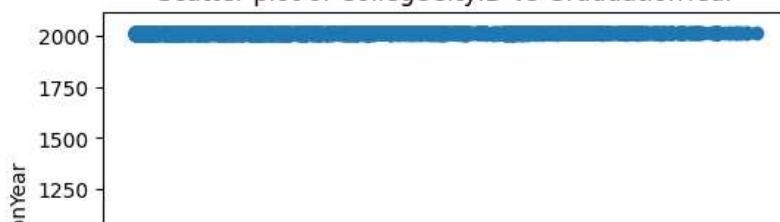
Scatter plot of collegeGPA vs nueroticism



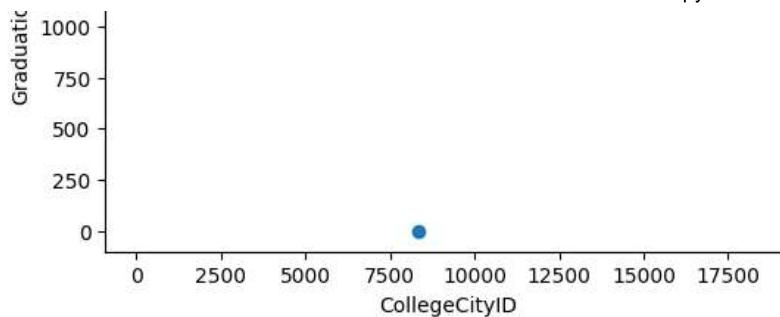
Scatter plot of collegeGPA vs openness_to_experience



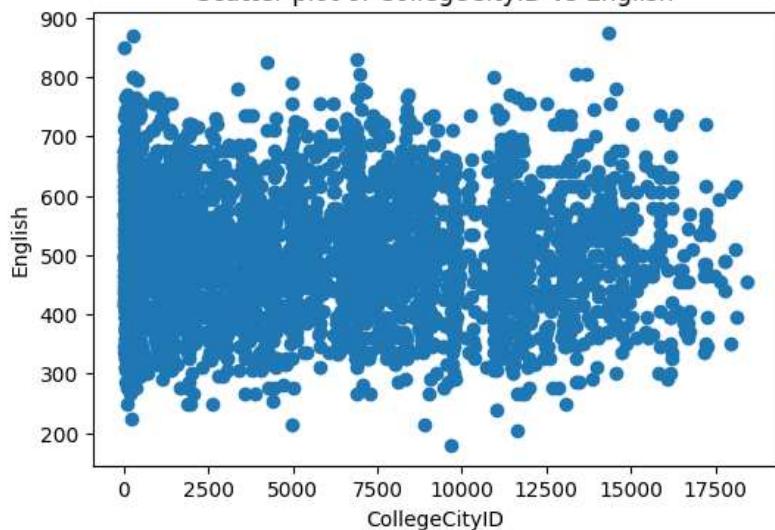
Scatter plot of CollegeCityID vs CollegeCityTier



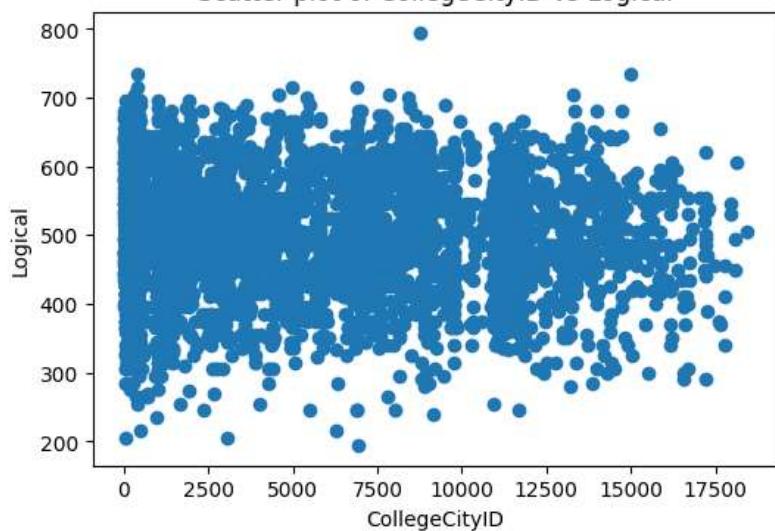
Scatter plot of CollegeCityID vs GraduationYear



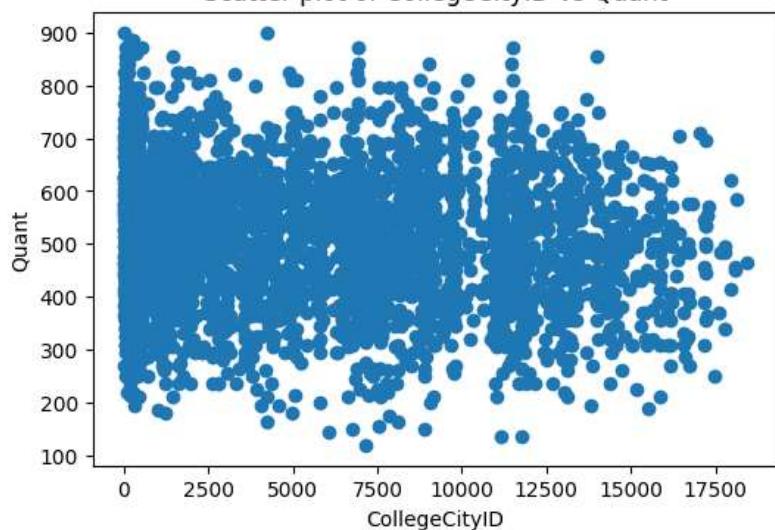
Scatter plot of CollegeCityID vs English



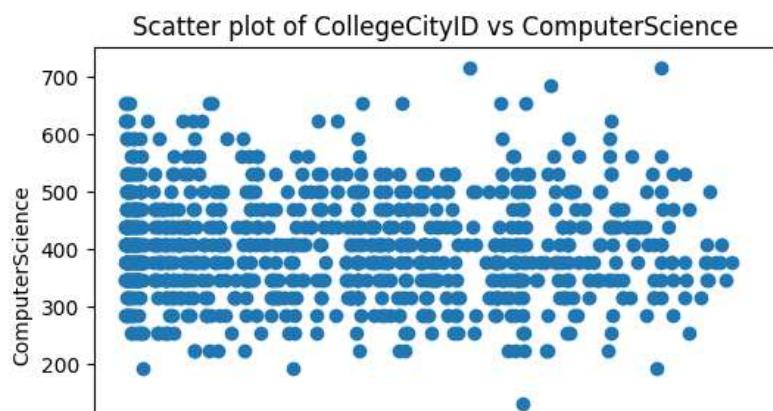
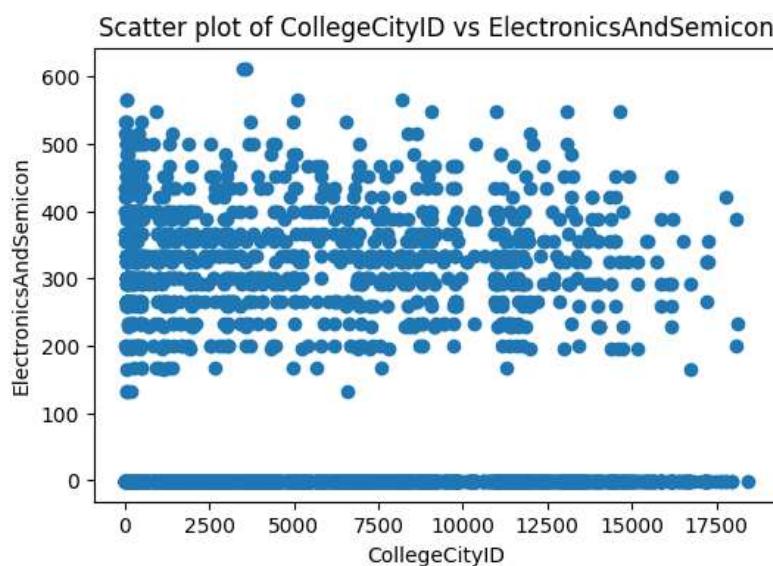
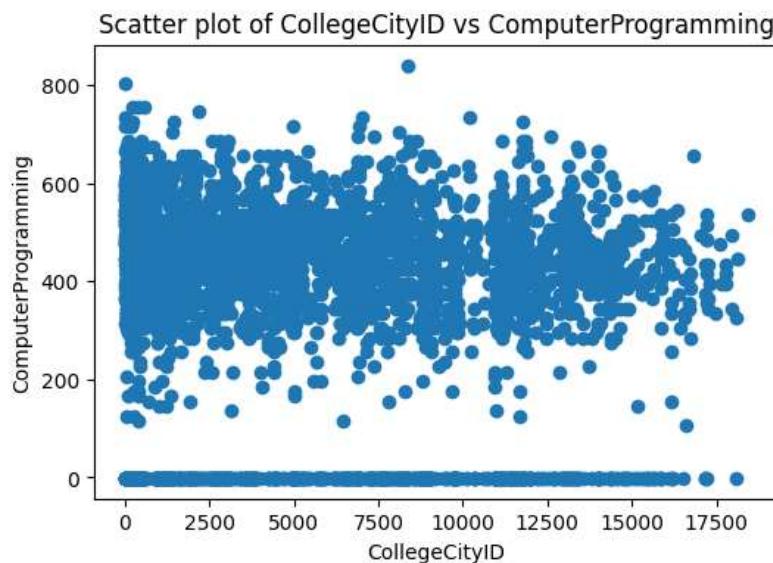
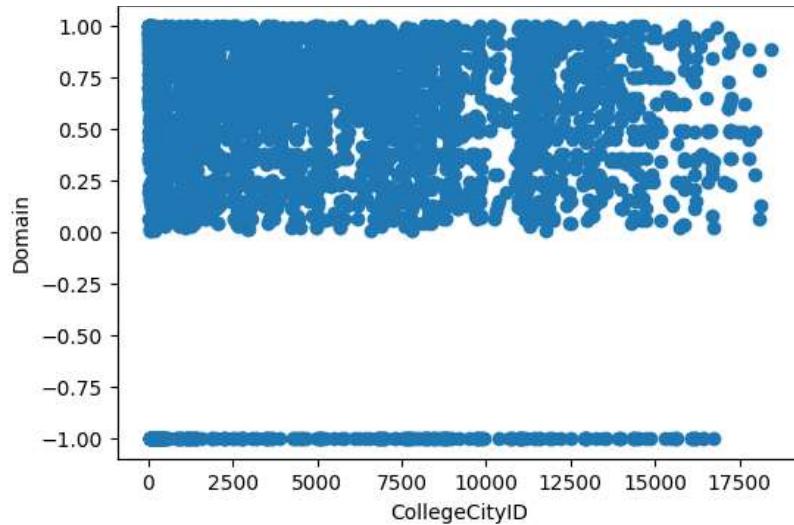
Scatter plot of CollegeCityID vs Logical

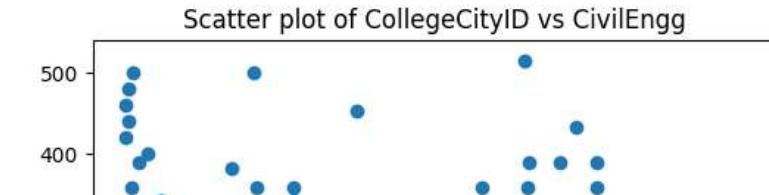
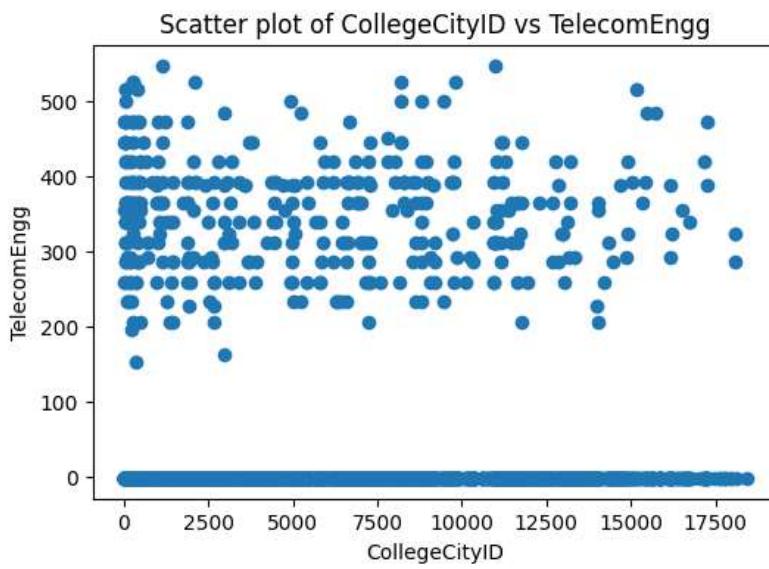
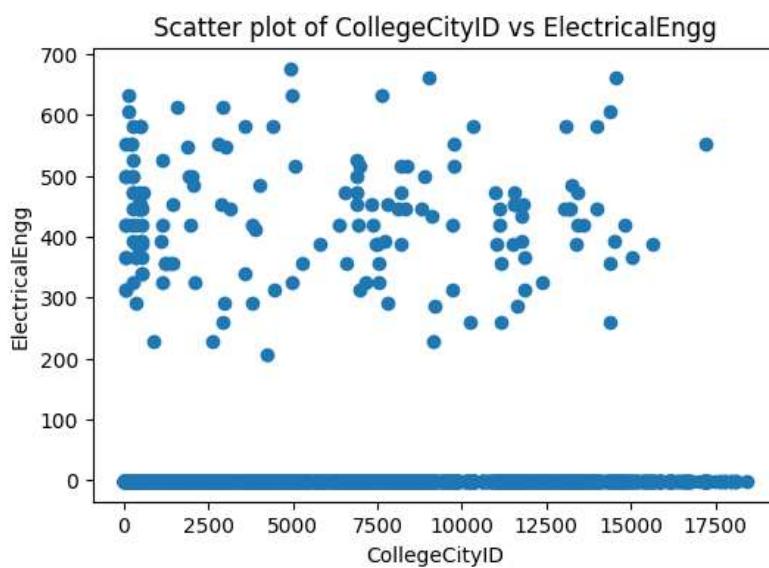
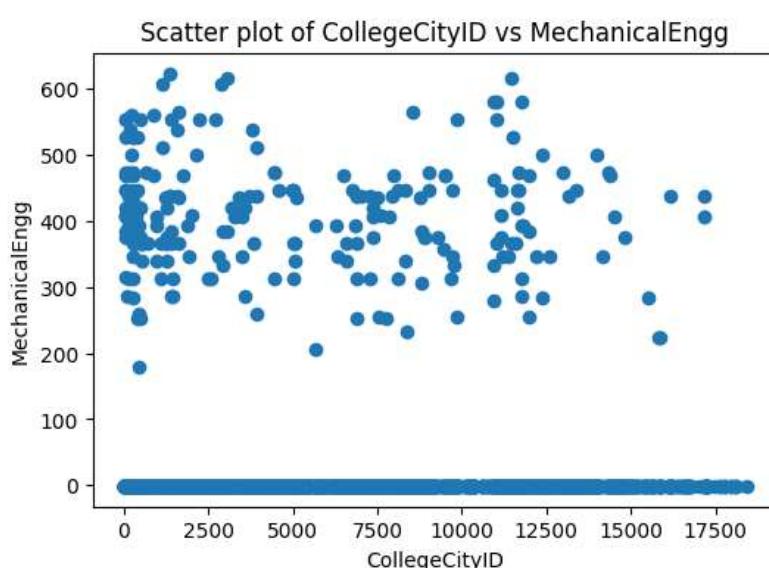
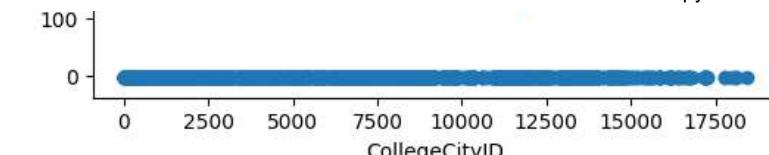


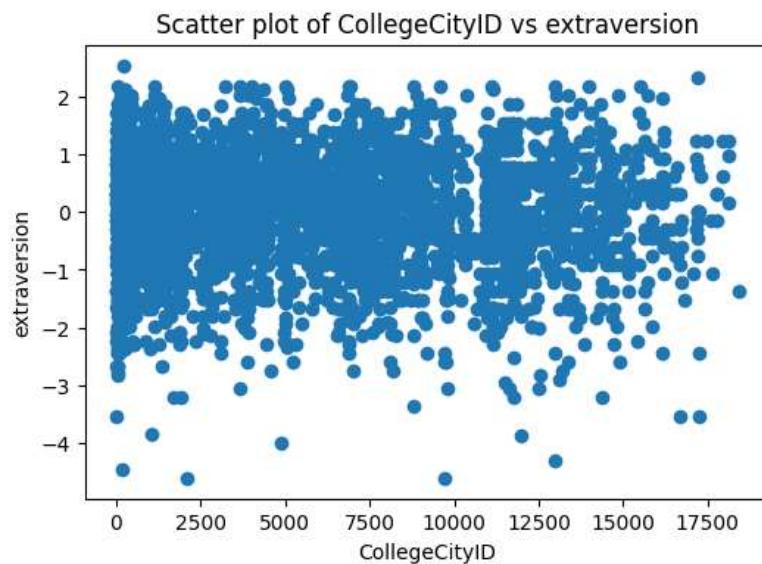
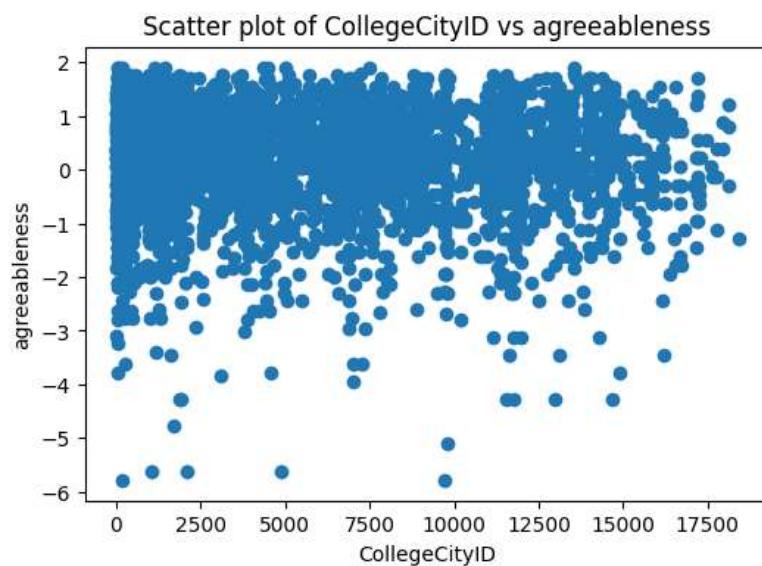
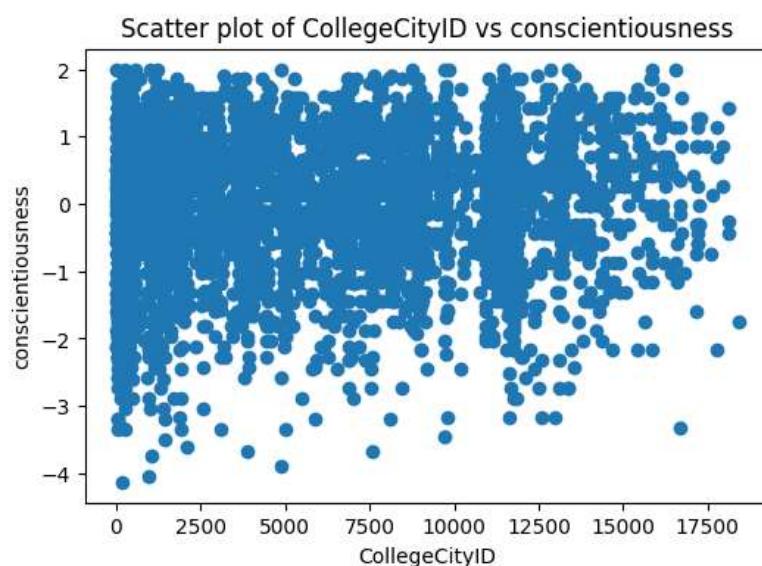
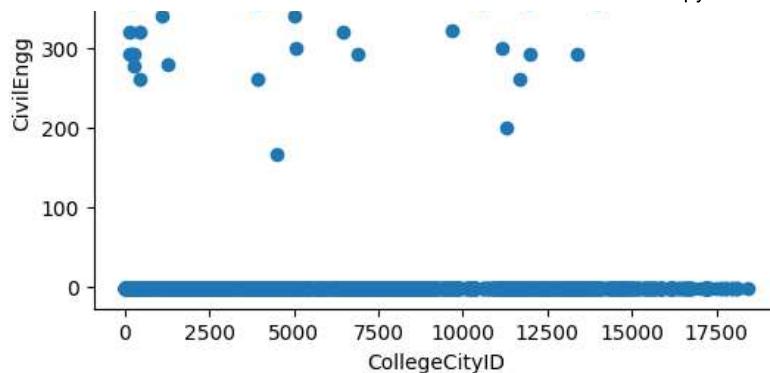
Scatter plot of CollegeCityID vs Quant



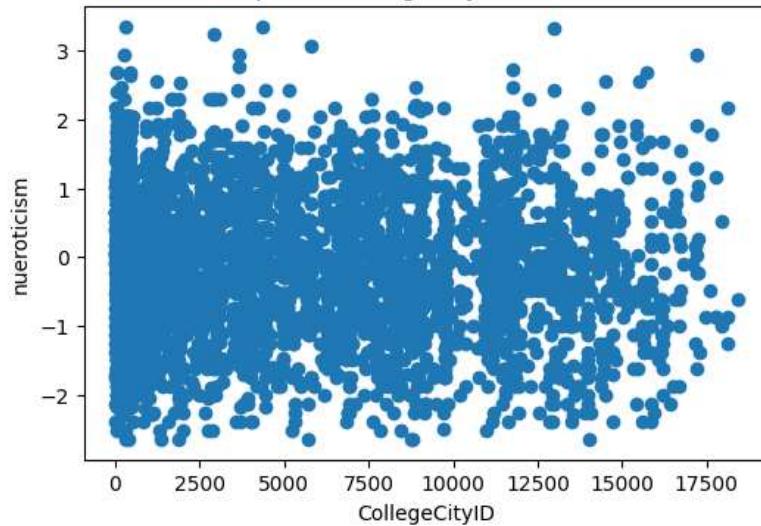
Scatter plot of CollegeCityID vs Domain



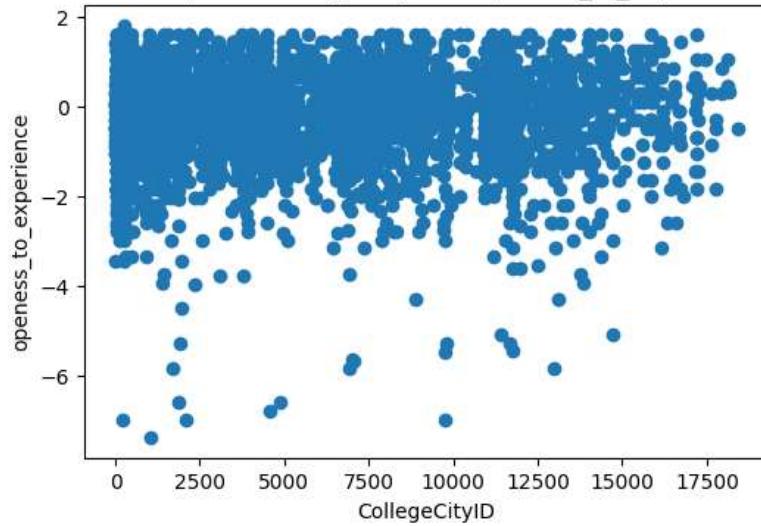




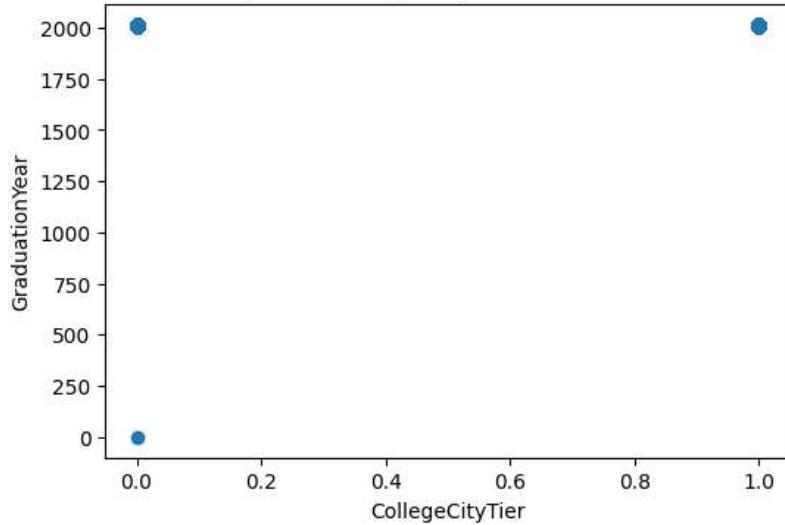
Scatter plot of CollegeCityID vs nueroticism



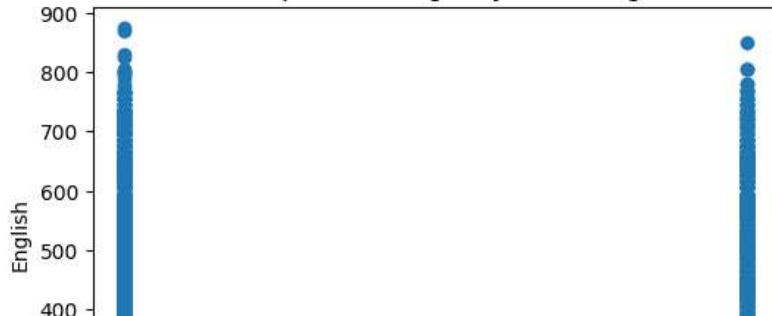
Scatter plot of CollegeCityID vs openness_to_experience

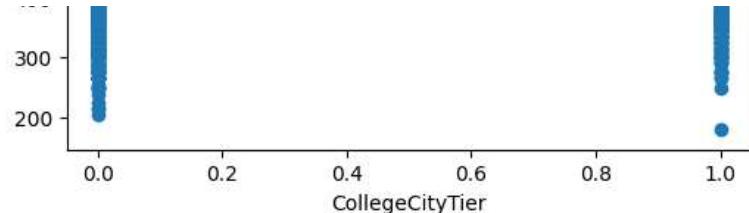


Scatter plot of CollegeCityTier vs GraduationYear

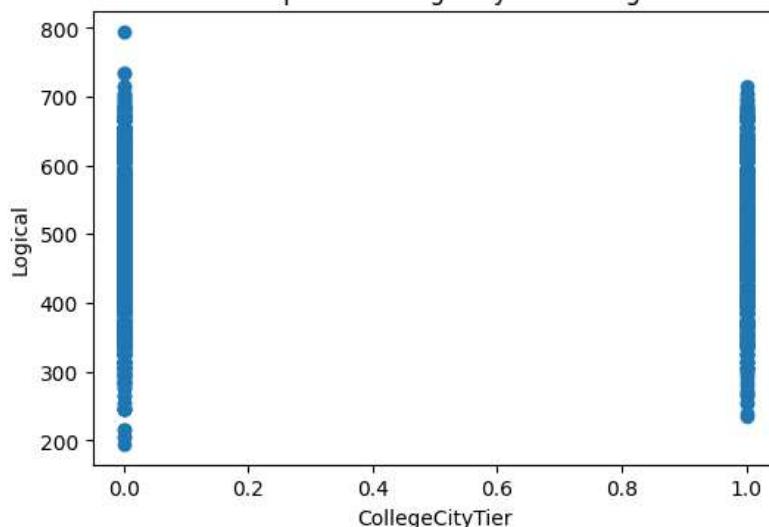


Scatter plot of CollegeCityTier vs English

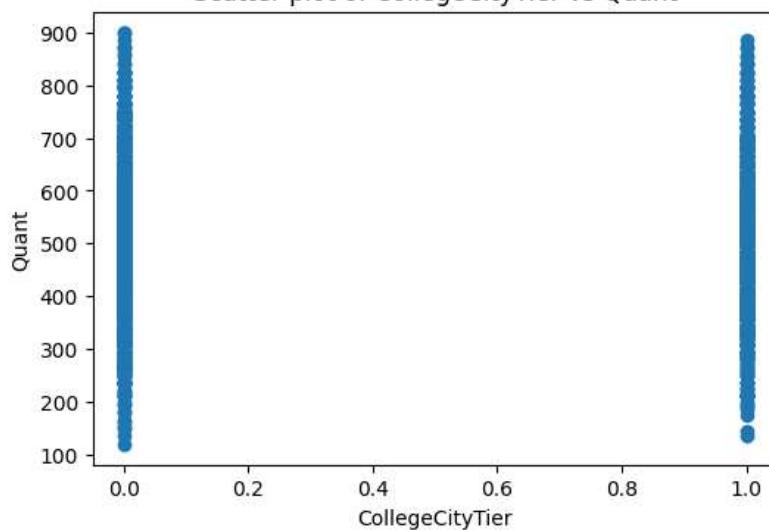




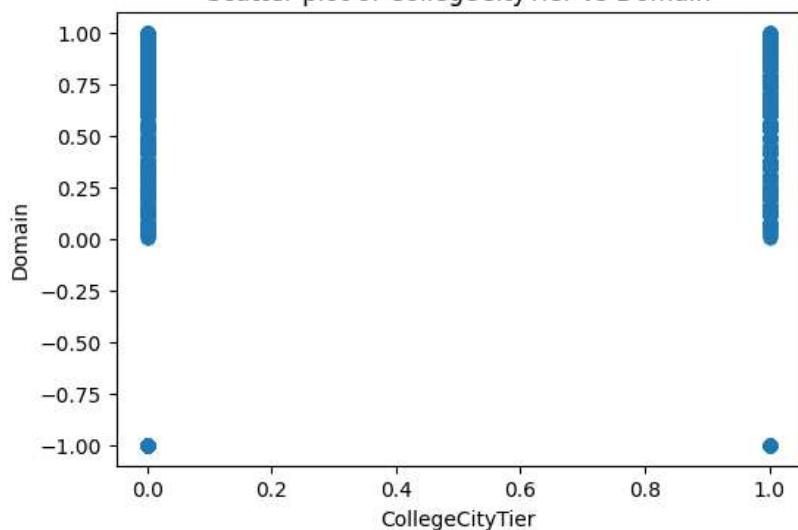
Scatter plot of CollegeCityTier vs task4.ipynb



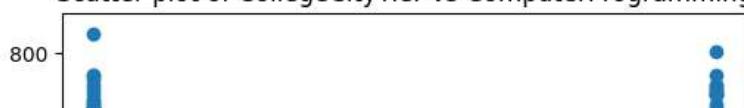
Scatter plot of CollegeCityTier vs Logical

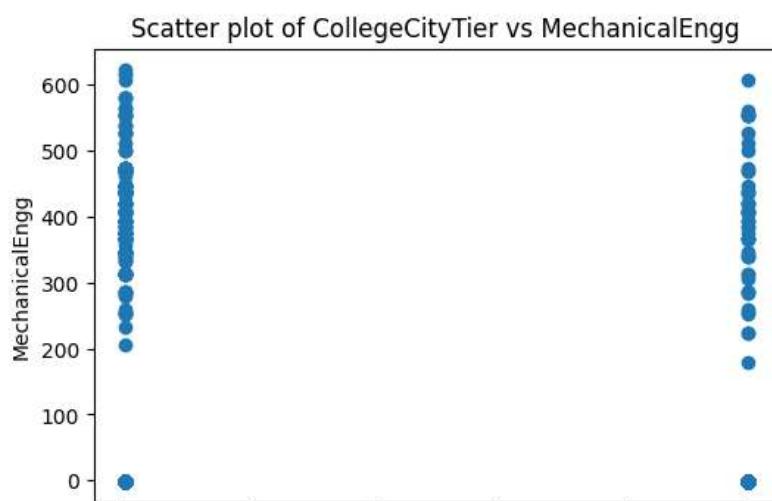
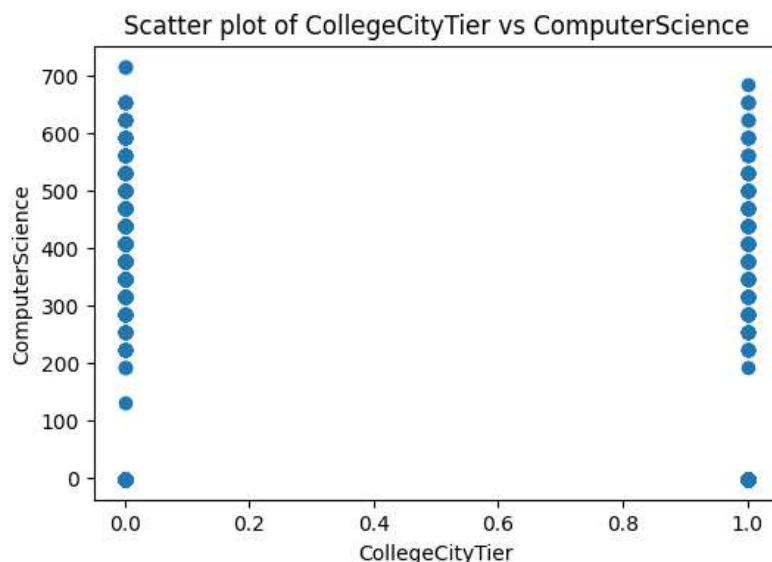
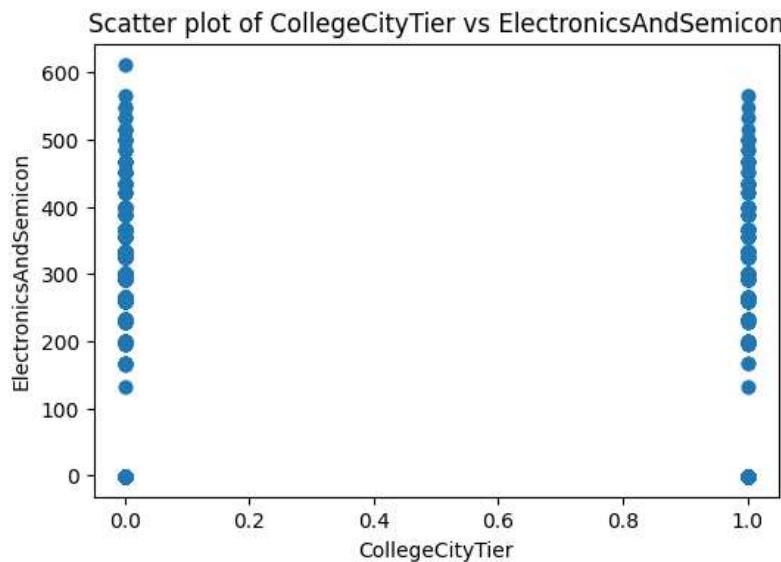
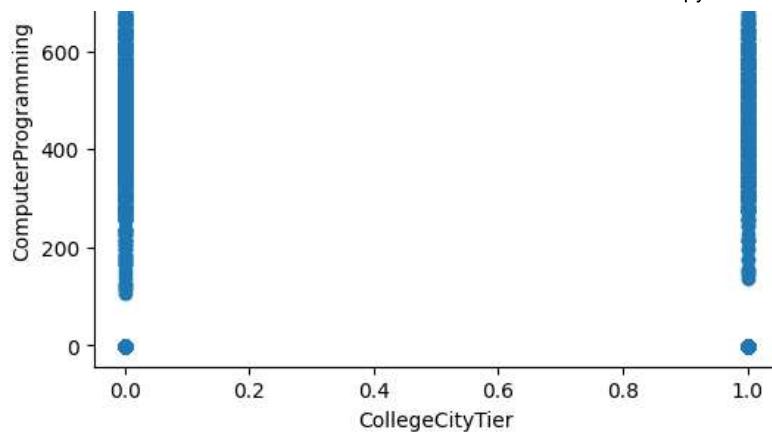


Scatter plot of CollegeCityTier vs Quant



Scatter plot of CollegeCityTier vs Domain

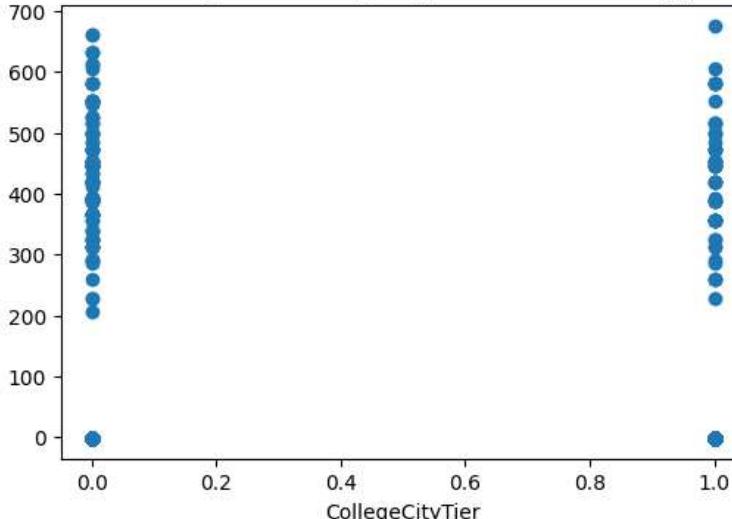






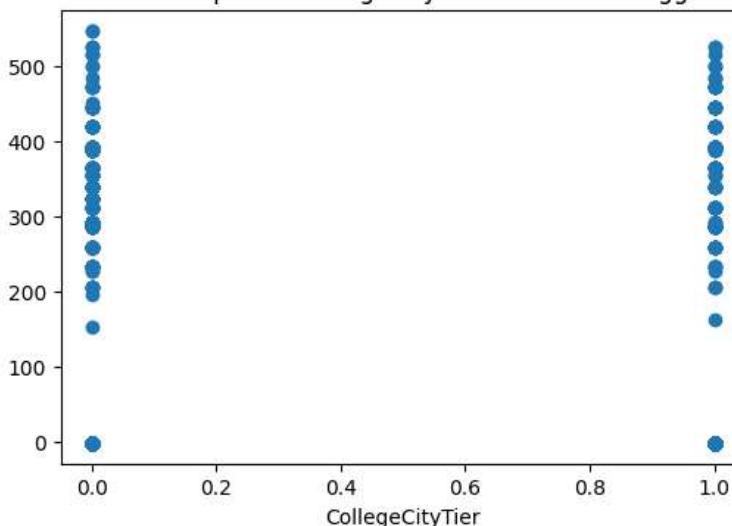
Scatter plot of CollegeCityTier vs ElectricalEngg

ElectricalEngg



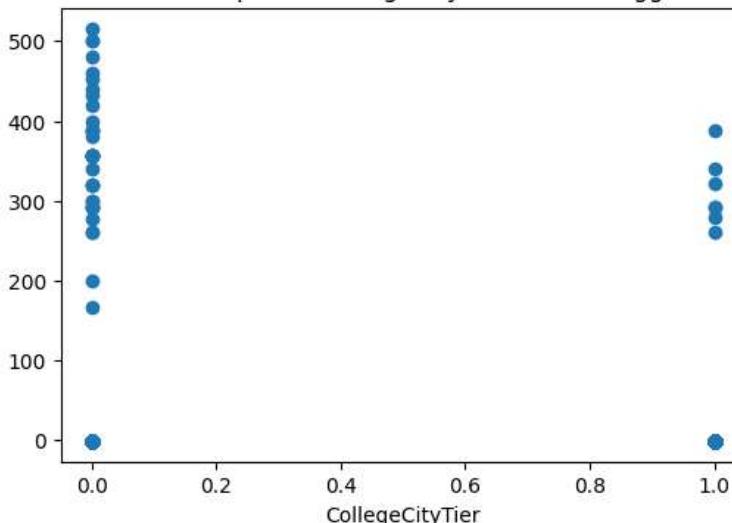
Scatter plot of CollegeCityTier vs TelecomEngg

TelecomEngg



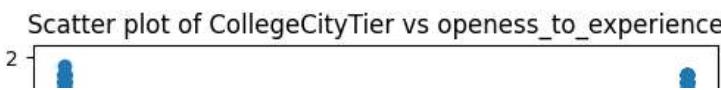
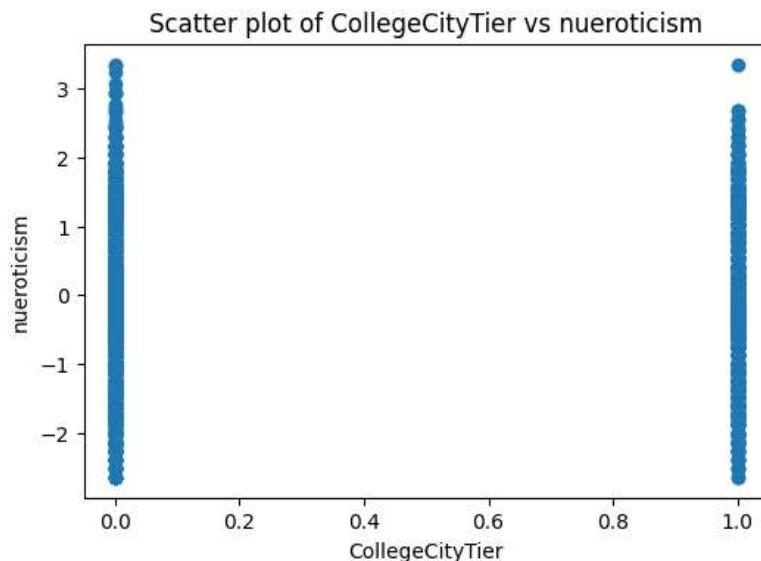
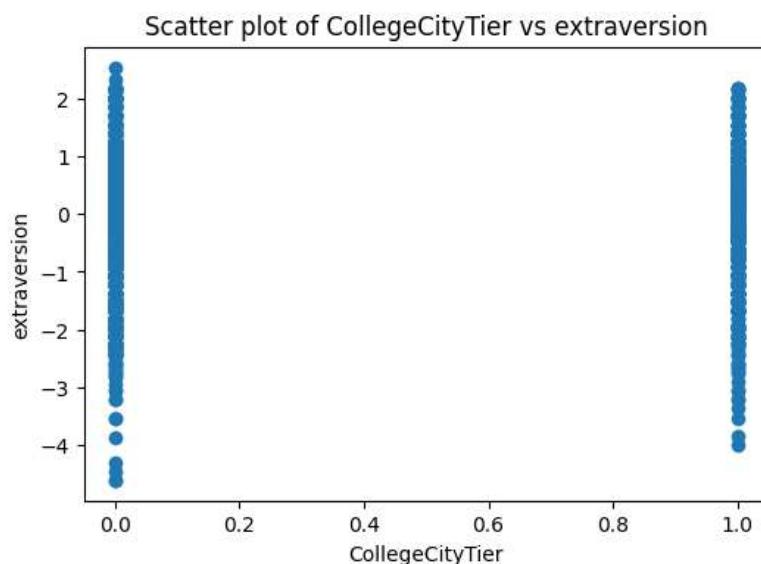
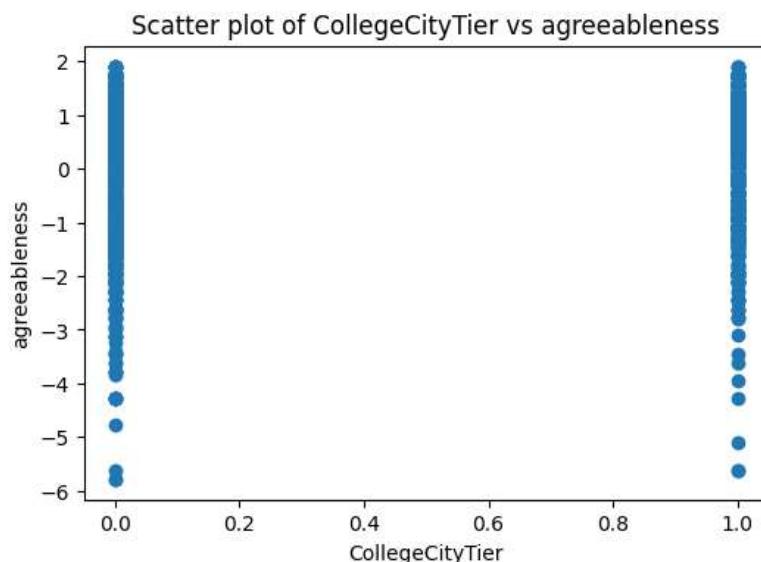
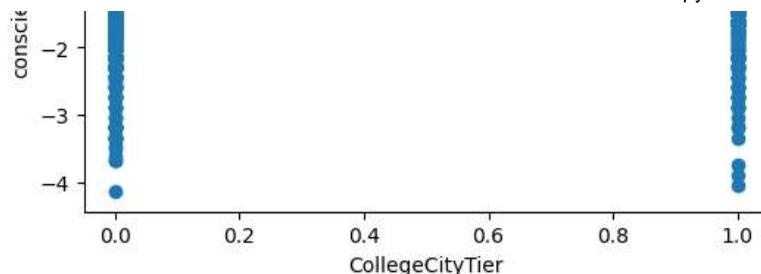
Scatter plot of CollegeCityTier vs CivilEngg

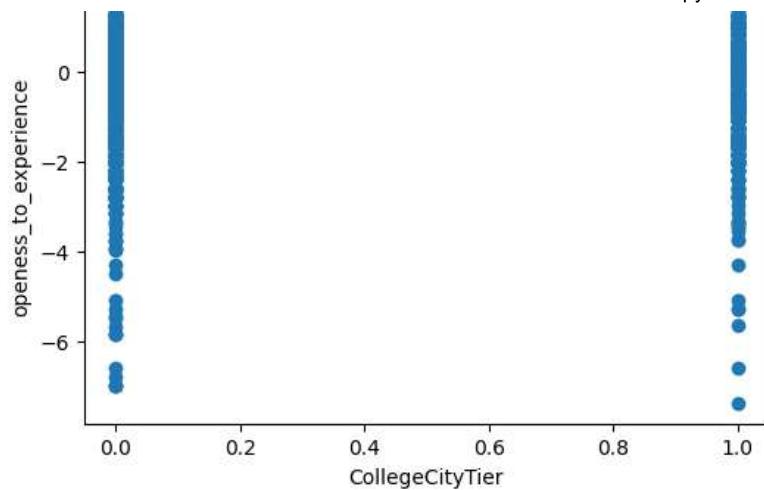
CivilEngg



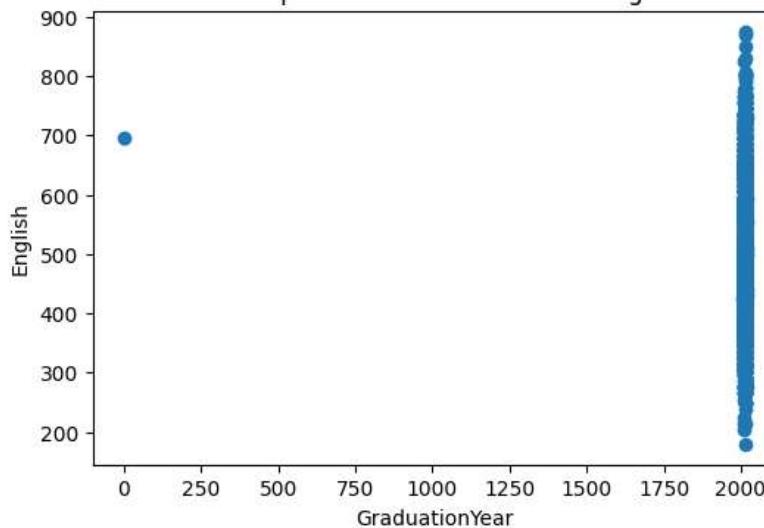
Scatter plot of CollegeCityTier vs conscientiousness

conscientiousness

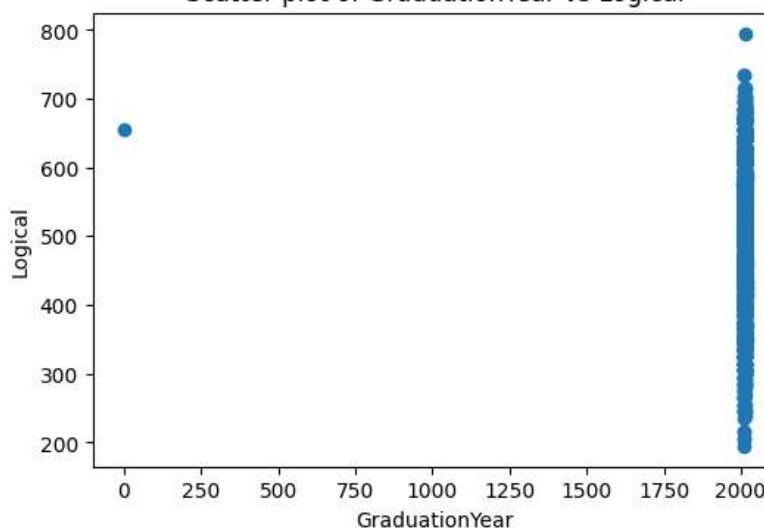




Scatter plot of GraduationYear vs English

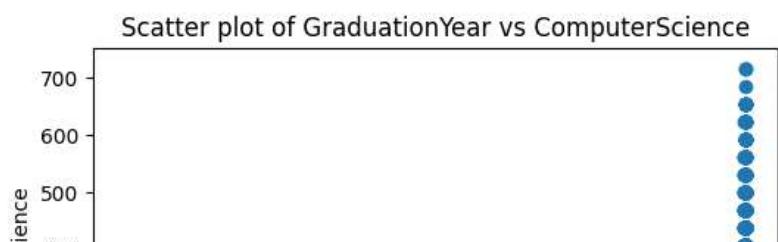
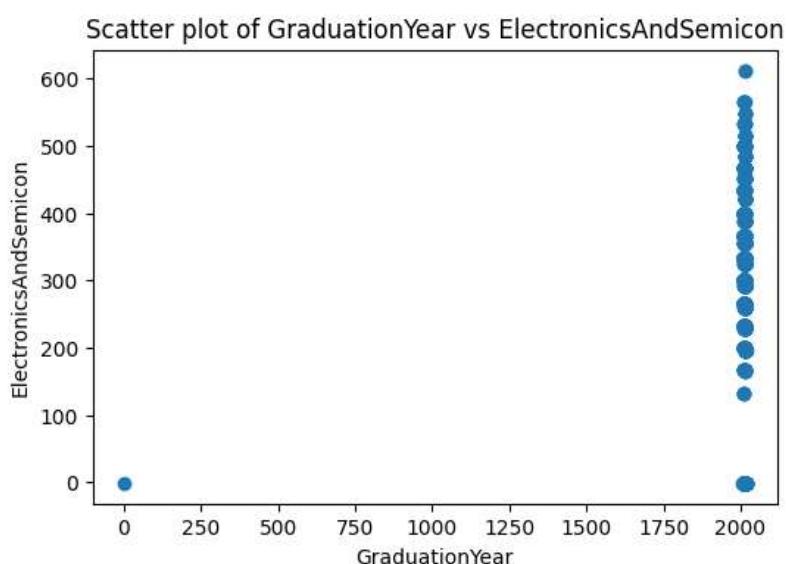
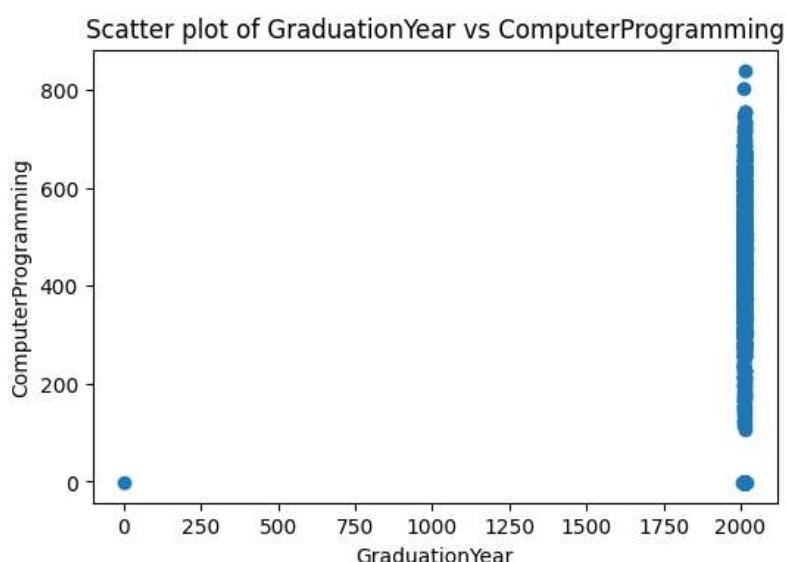
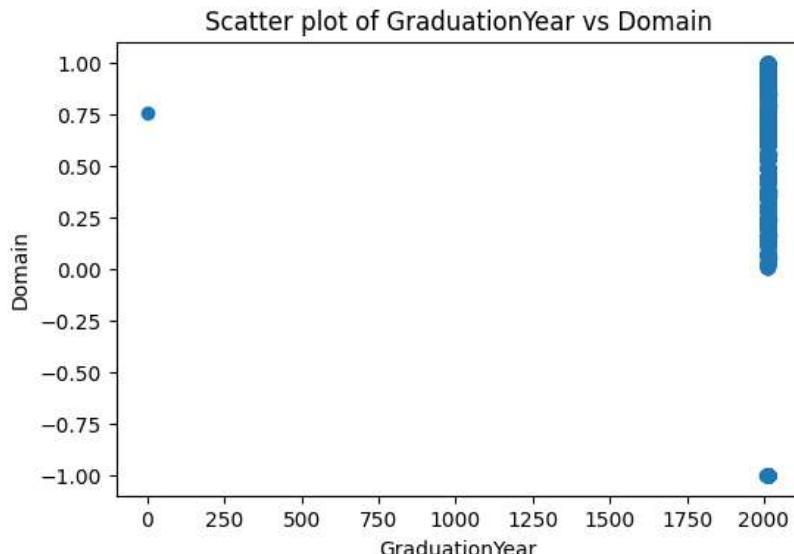
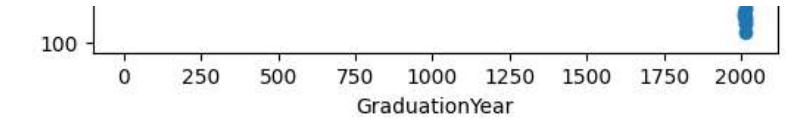


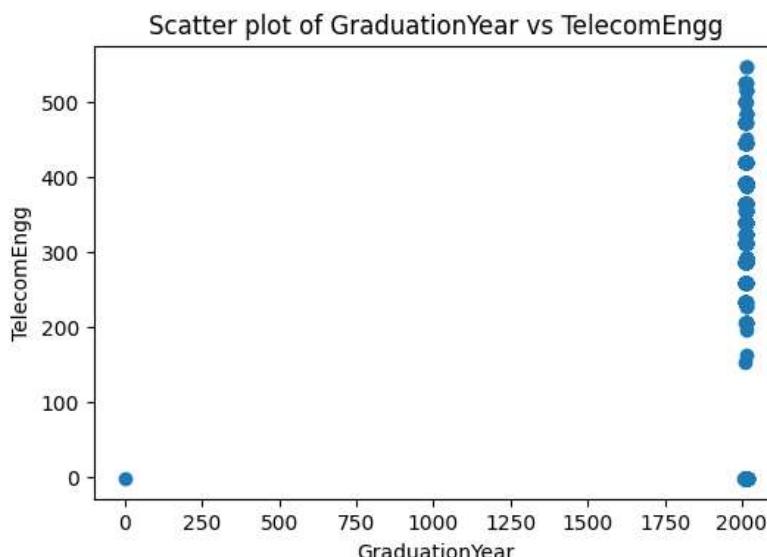
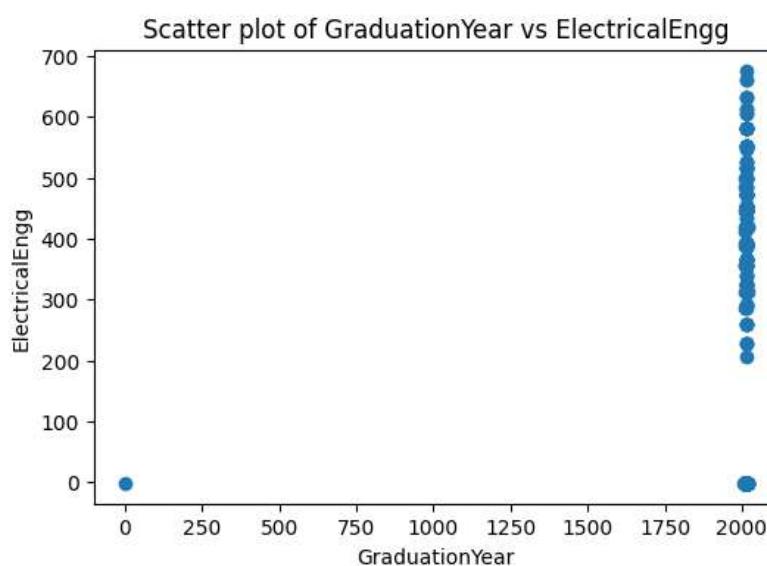
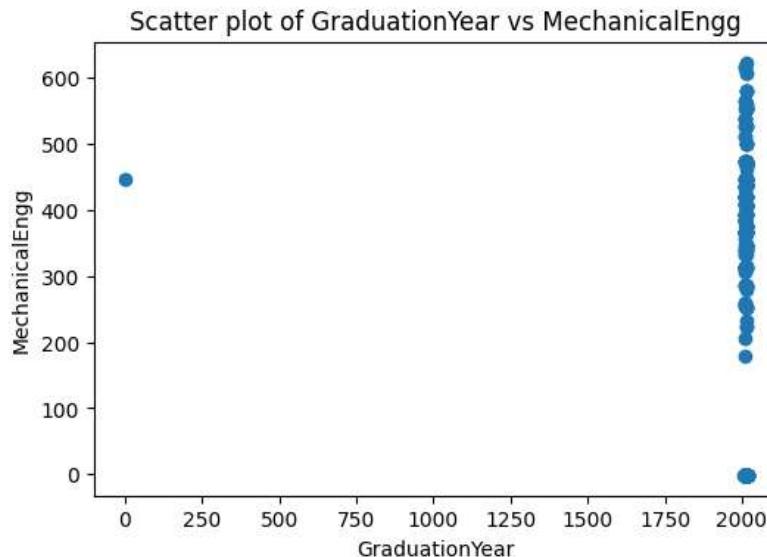
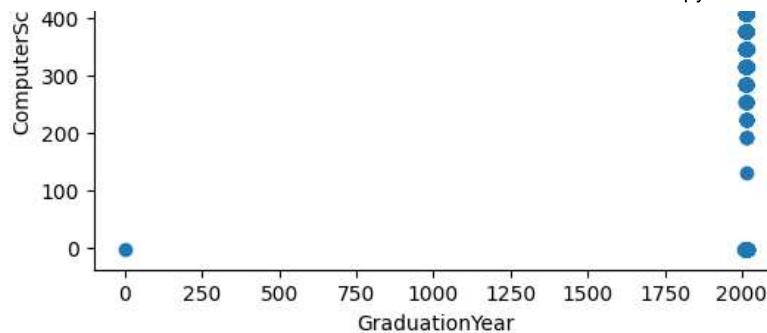
Scatter plot of GraduationYear vs Logical



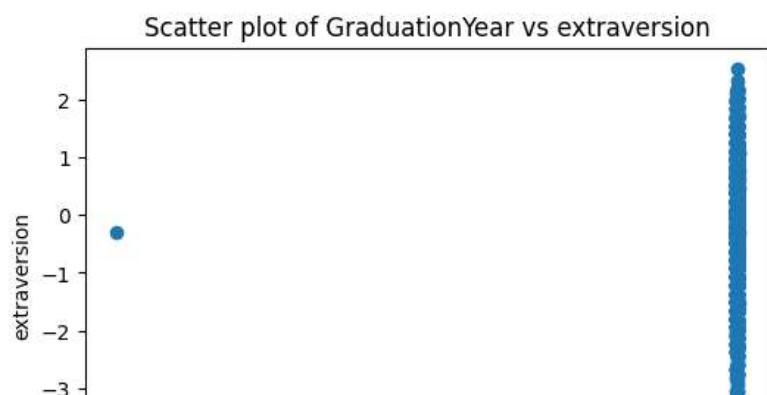
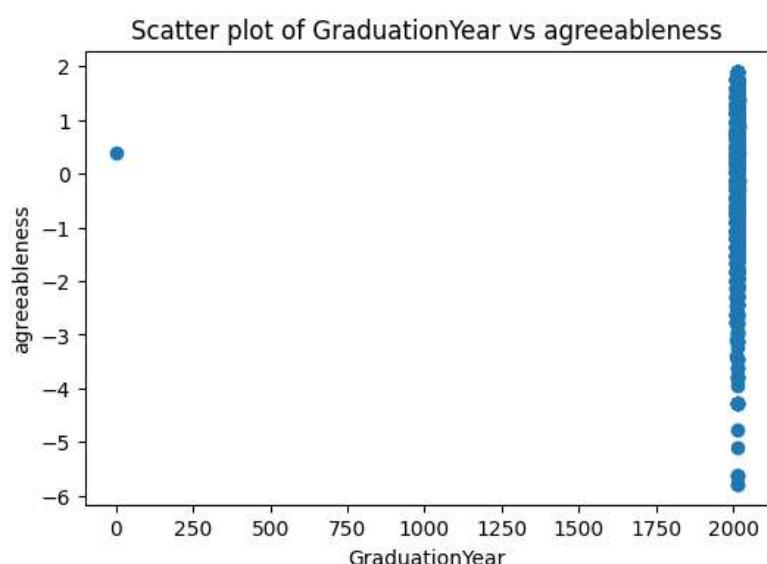
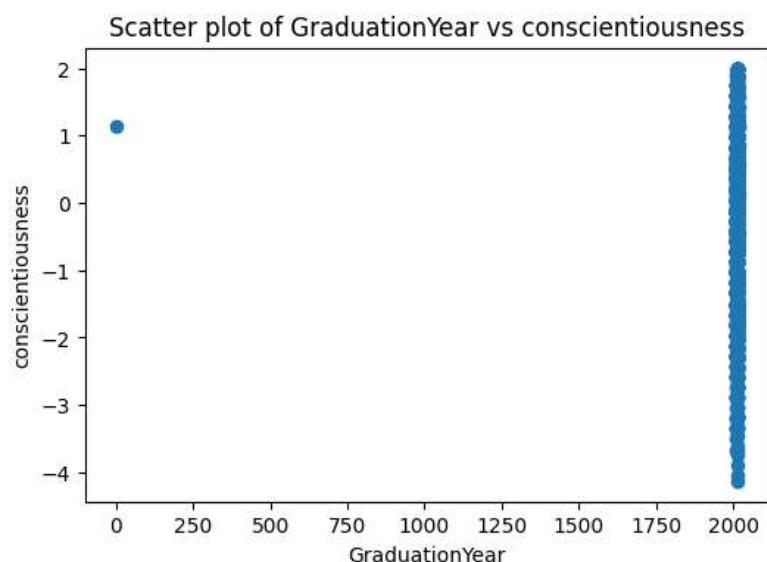
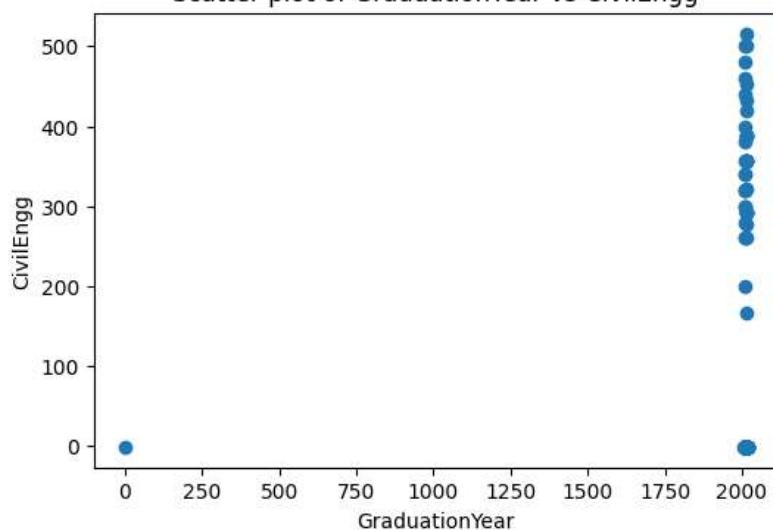
Scatter plot of GraduationYear vs Quant

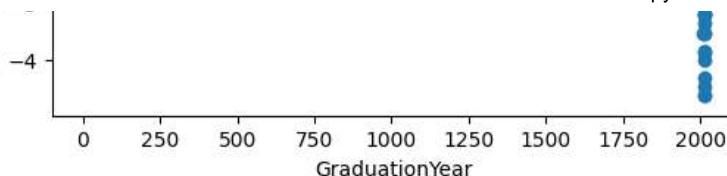




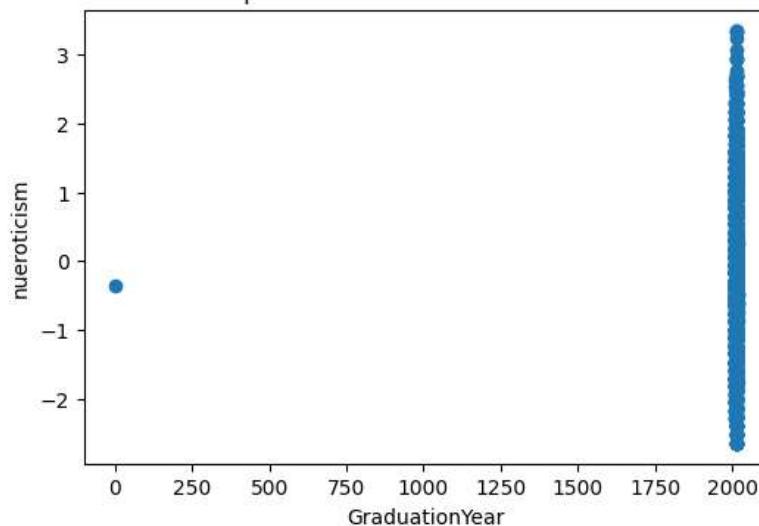


Scatter plot of GraduationYear vs CivilEngr

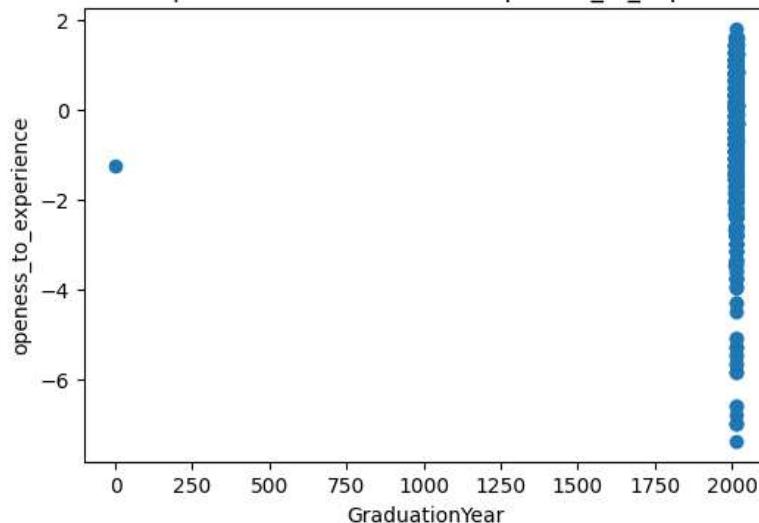




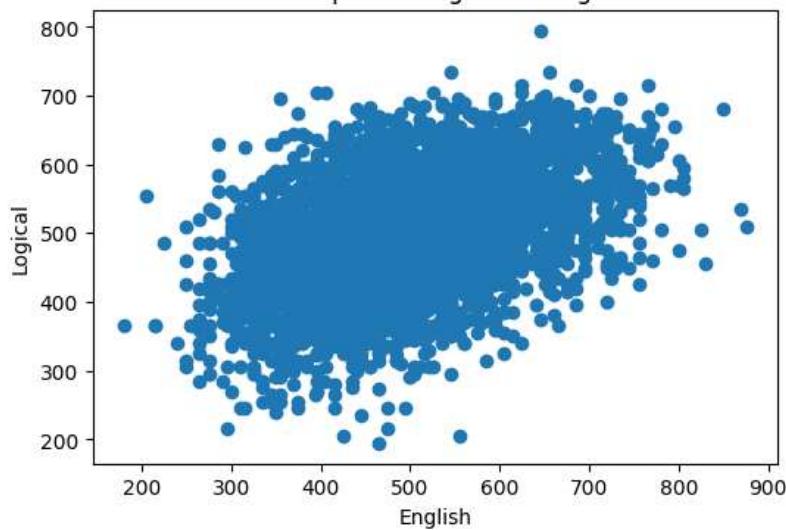
Scatter plot of GraduationYear vs nueroticism



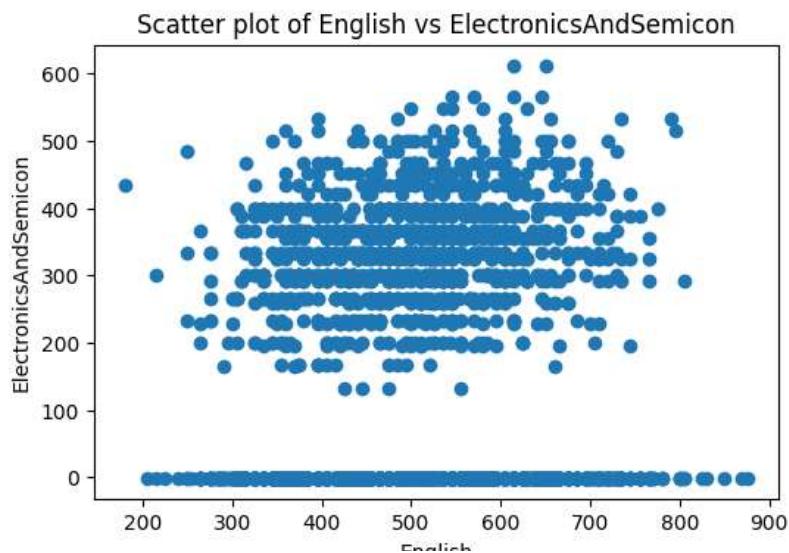
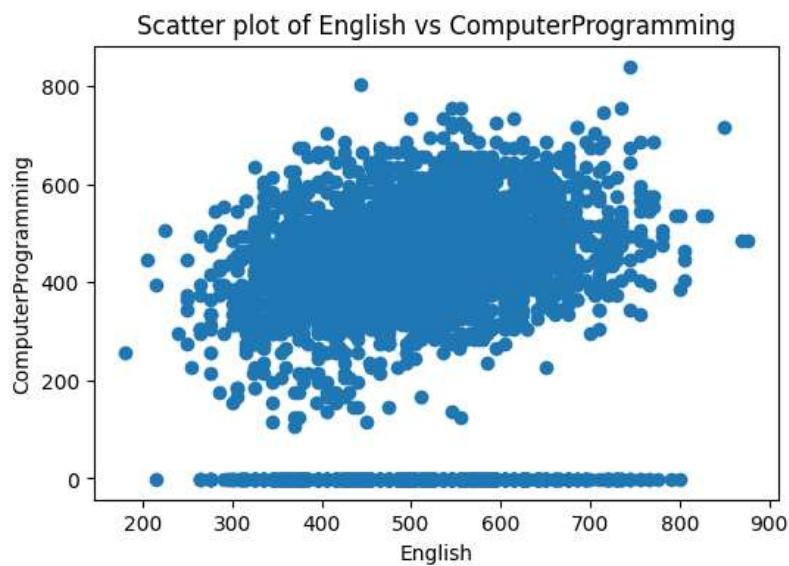
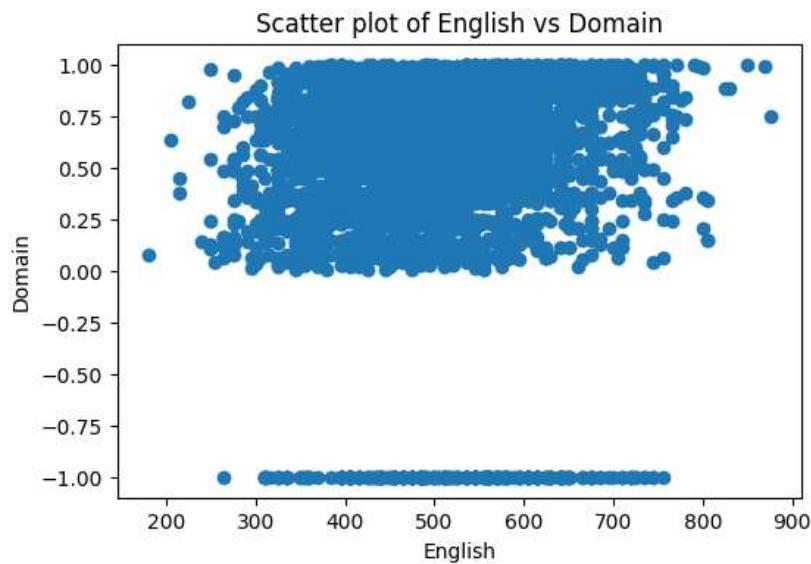
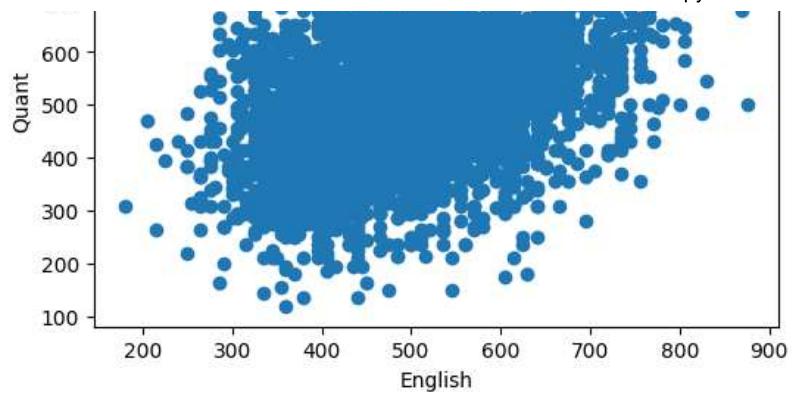
Scatter plot of GraduationYear vs openness_to_experience



Scatter plot of English vs Logical

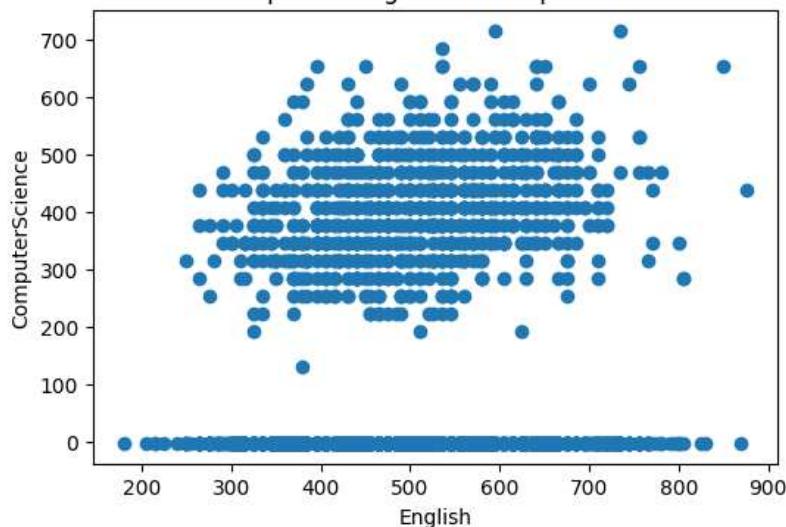


Scatter plot of English vs Quant

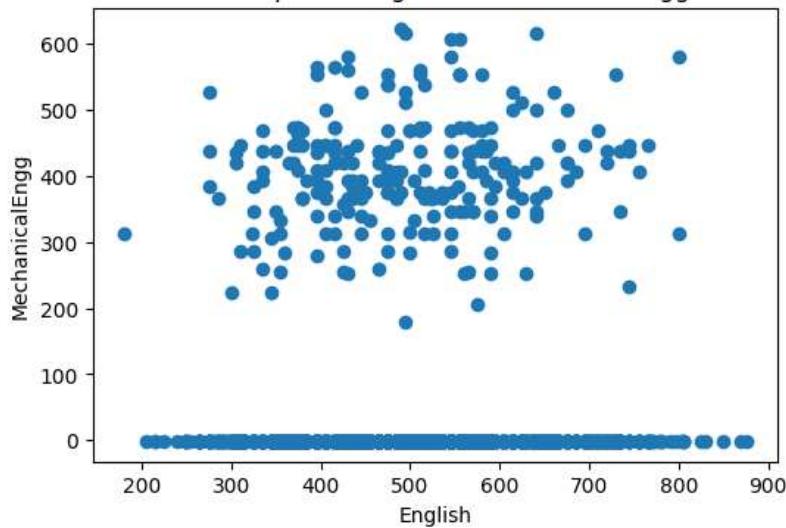


English

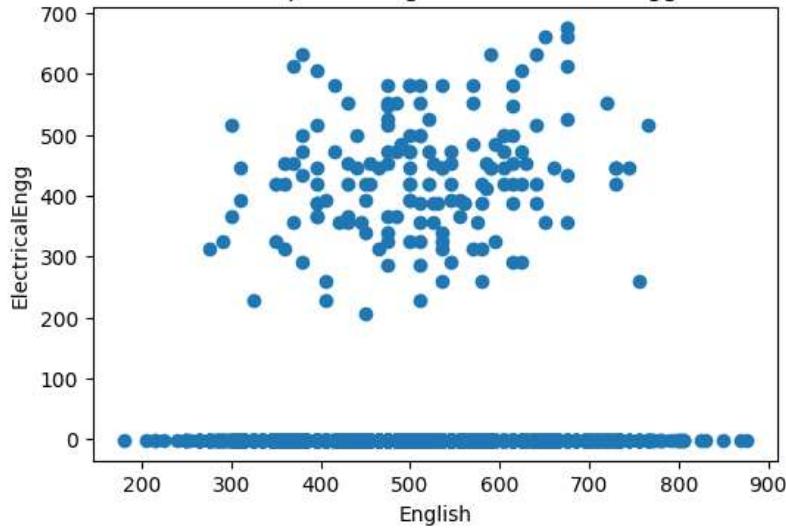
Scatter plot of English vs ComputerScience



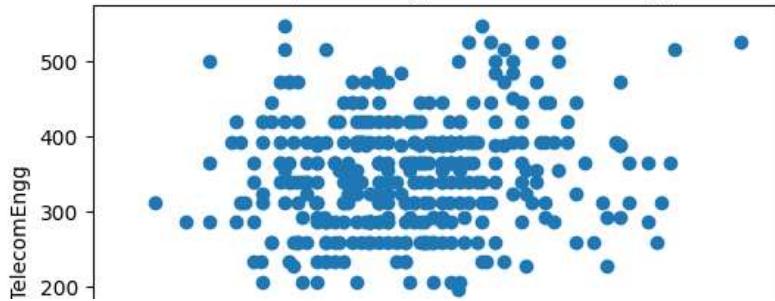
Scatter plot of English vs MechanicalEngg

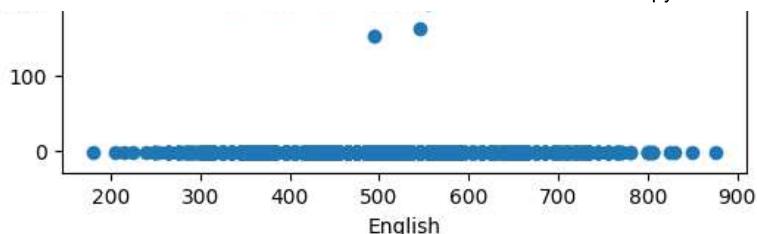


Scatter plot of English vs ElectricalEngg

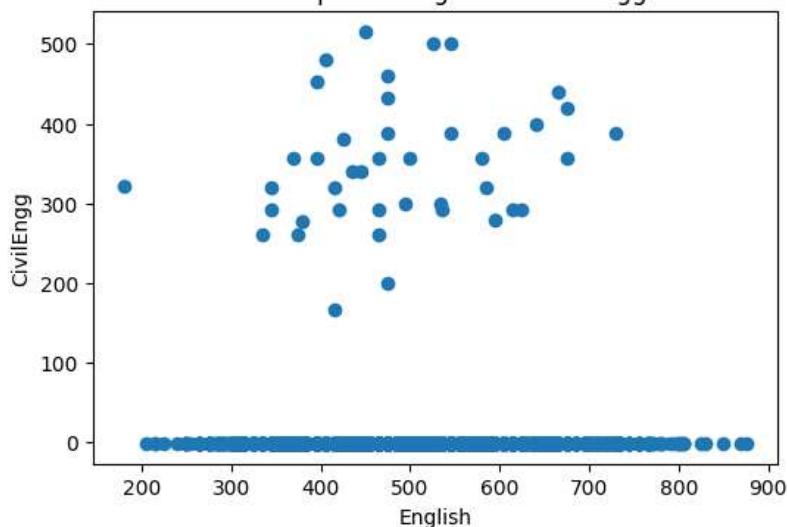


Scatter plot of English vs TelecomEngg

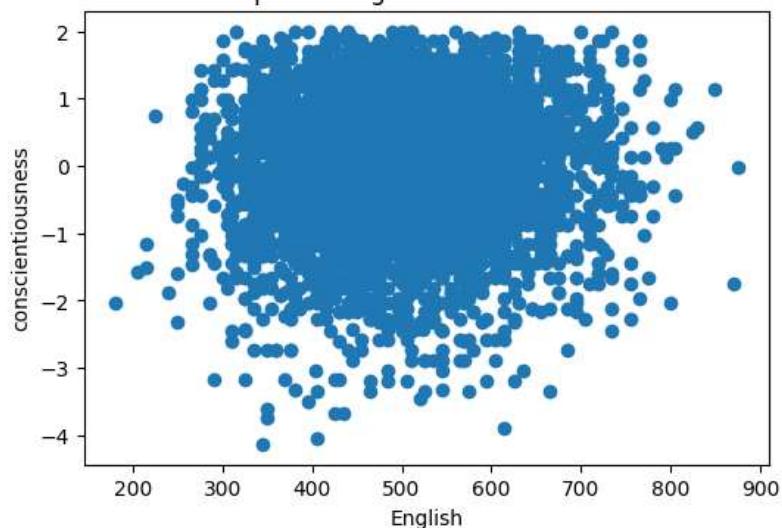




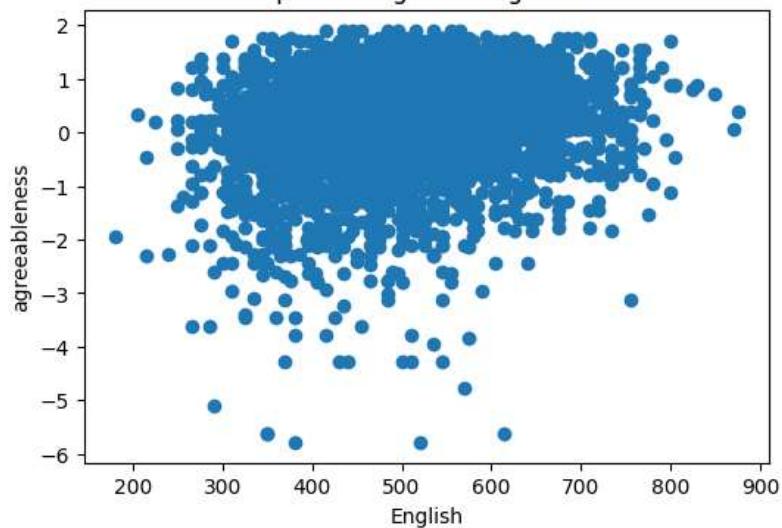
Scatter plot of English vs CivilEngg



Scatter plot of English vs conscientiousness

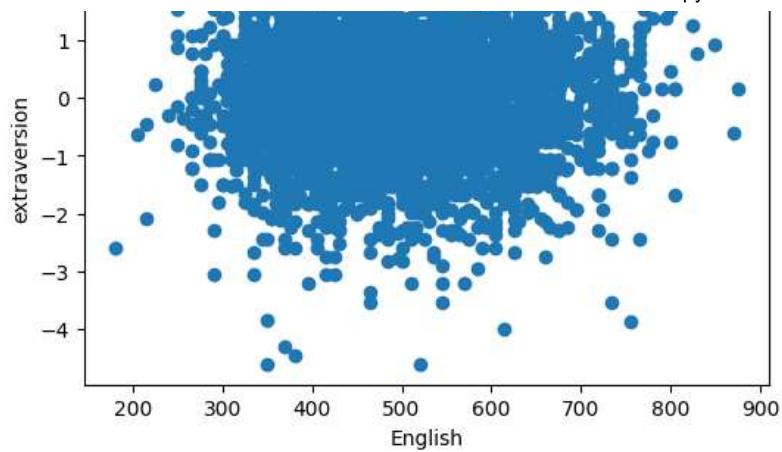


Scatter plot of English vs agreeableness

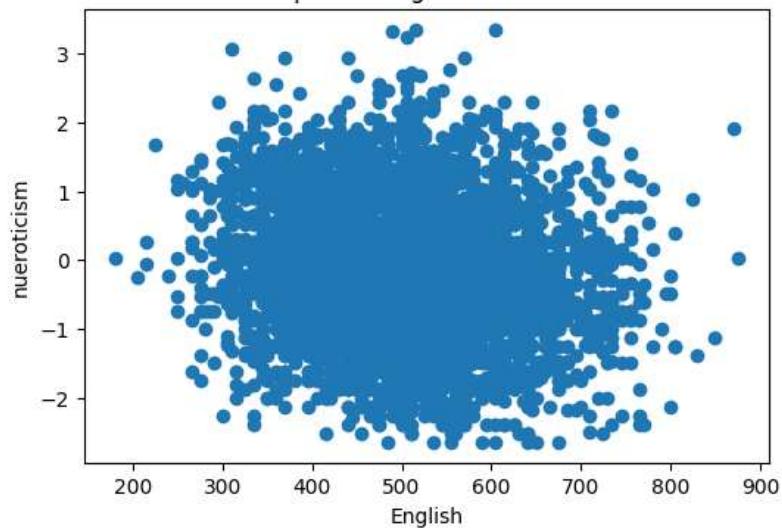


Scatter plot of English vs extraversion

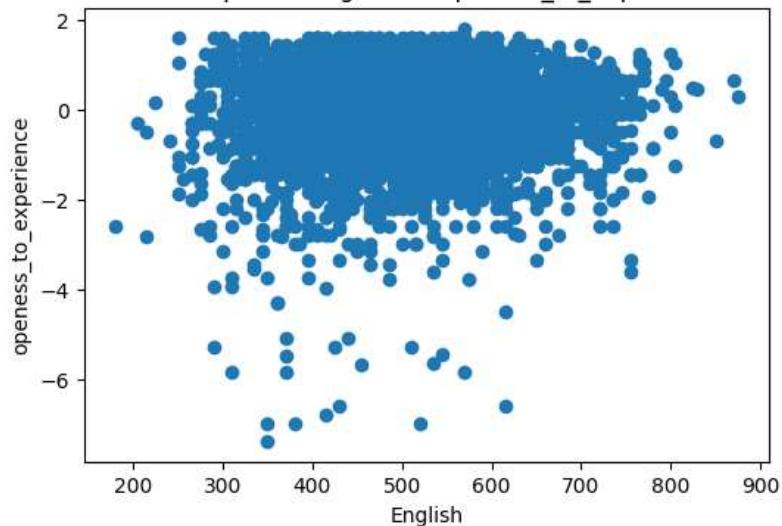




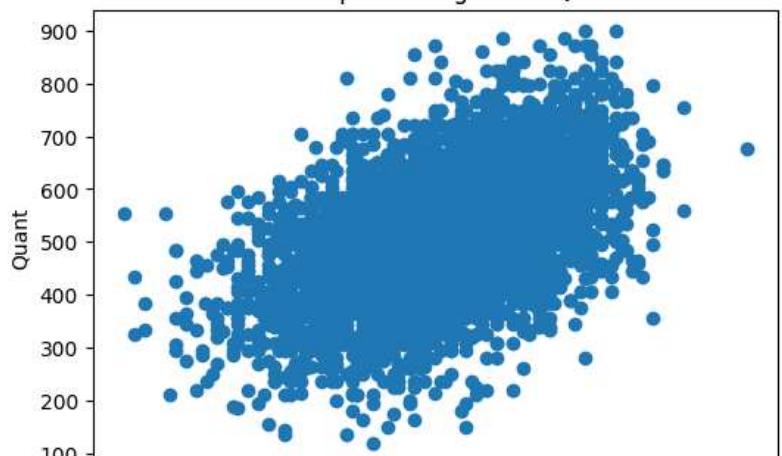
Scatter plot of English vs nueroticism

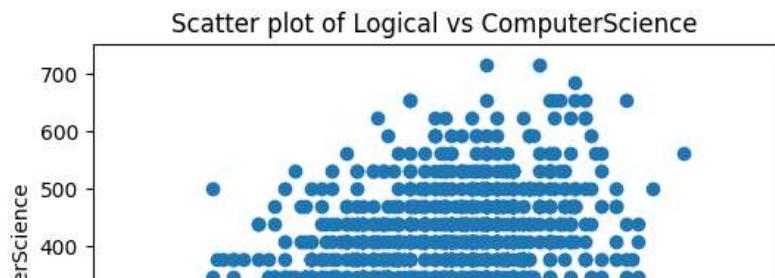
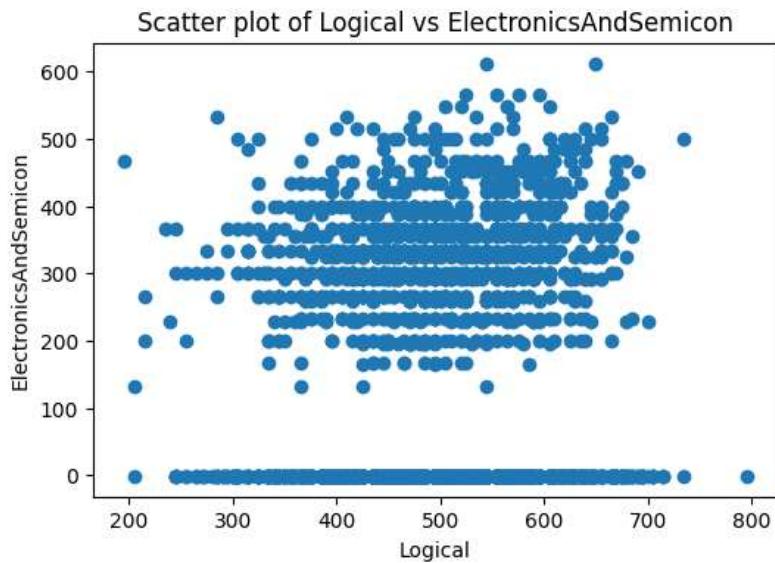
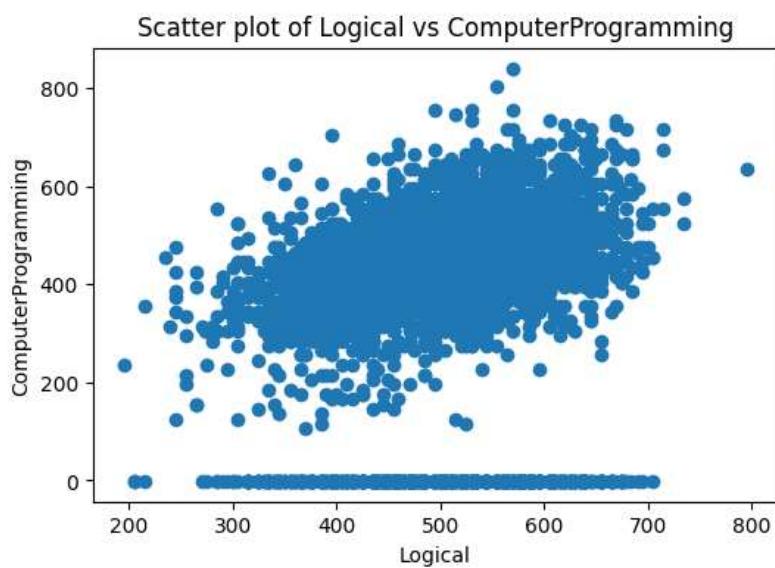
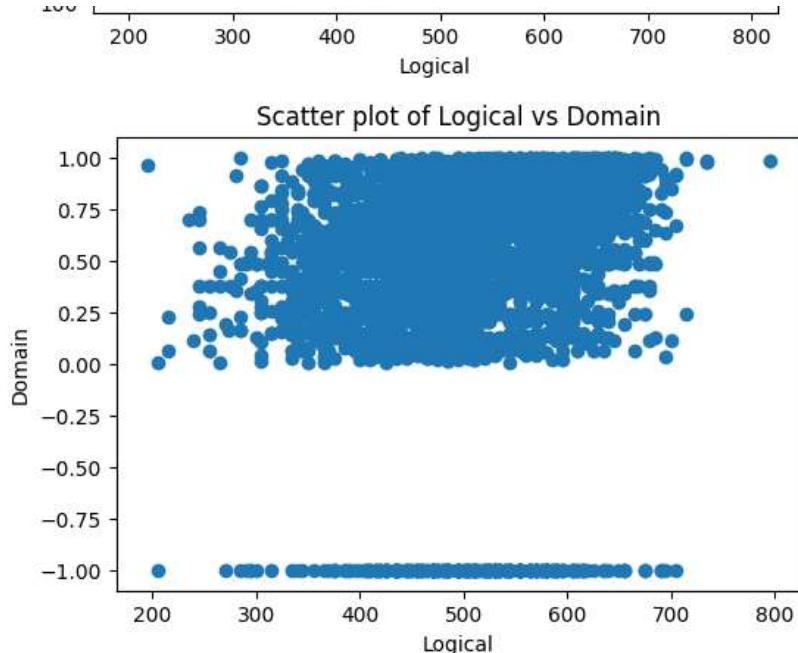


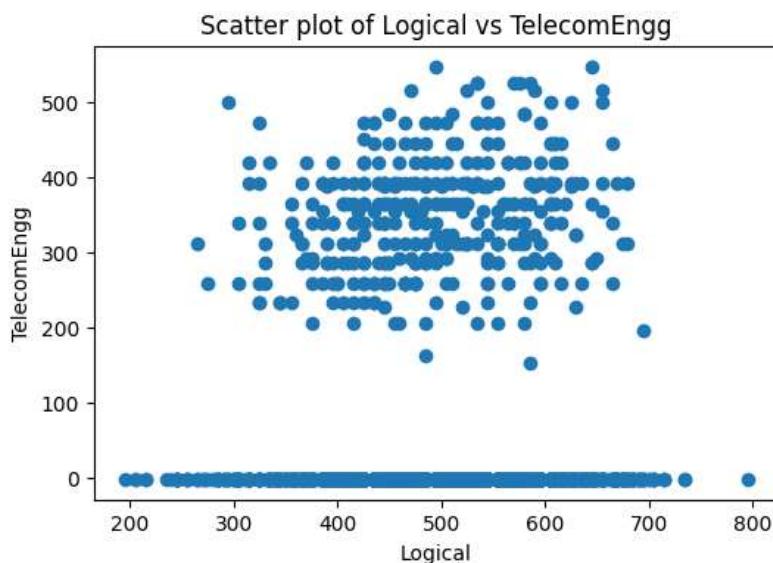
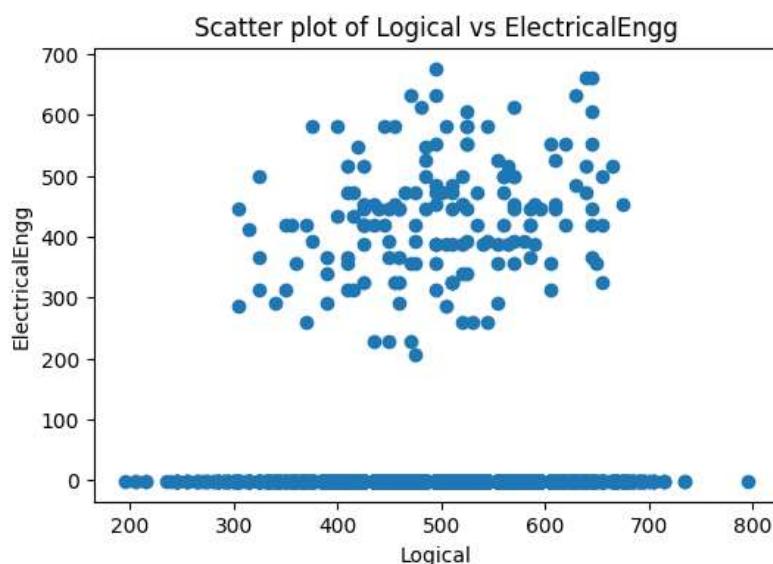
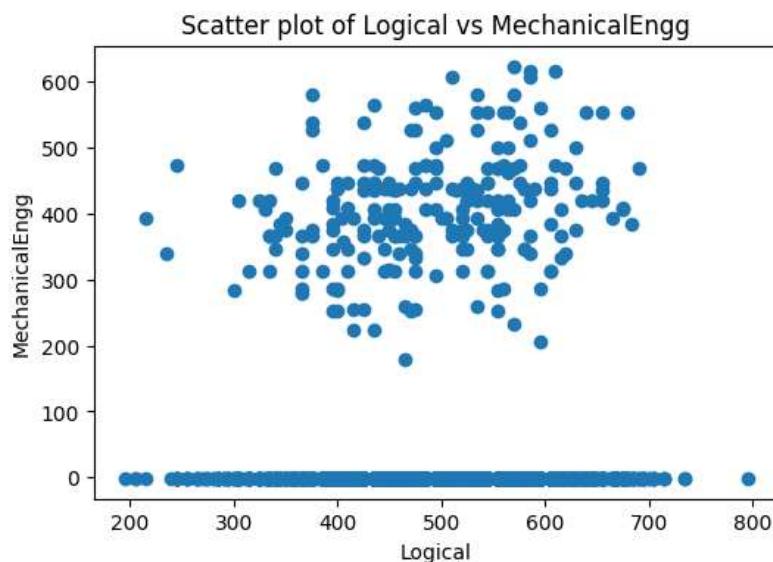
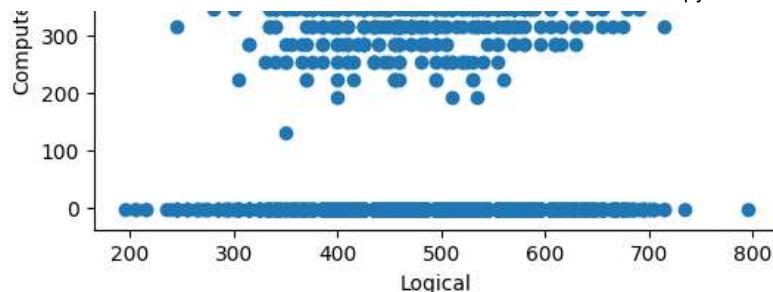
Scatter plot of English vs openness_to_experience



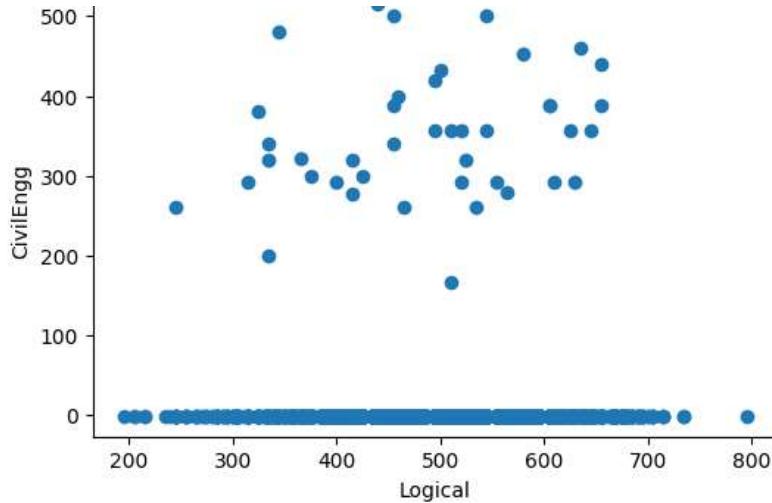
Scatter plot of Logical vs Quant



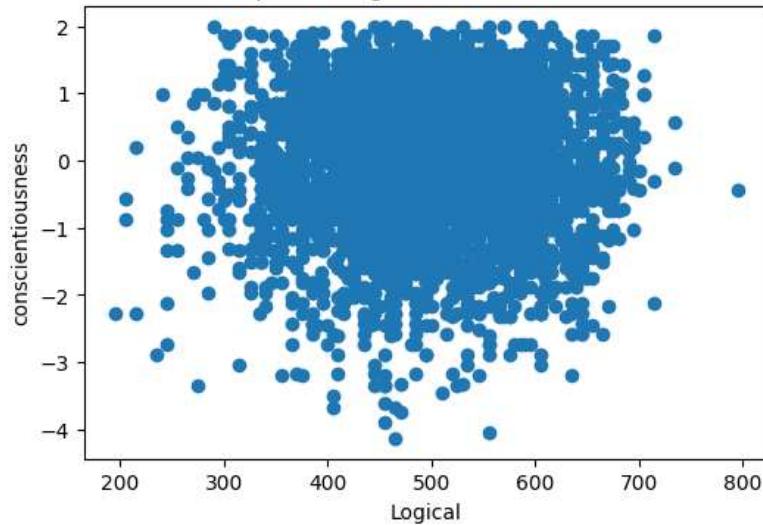




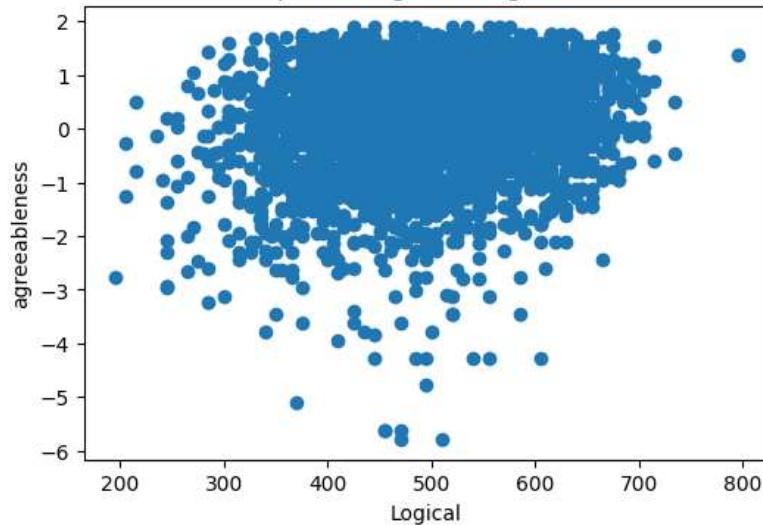
Scatter plot of Logical vs CivilEngg



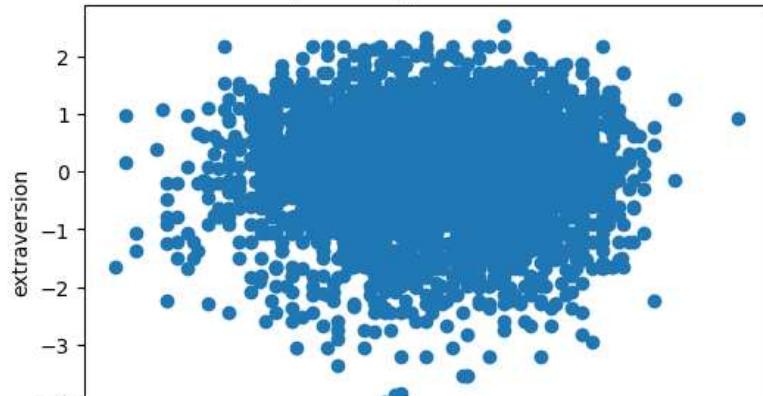
Scatter plot of Logical vs conscientiousness

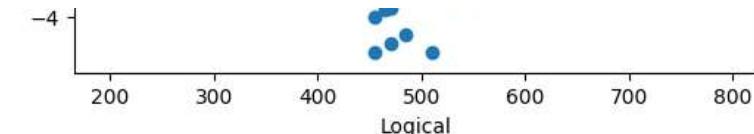


Scatter plot of Logical vs agreeableness

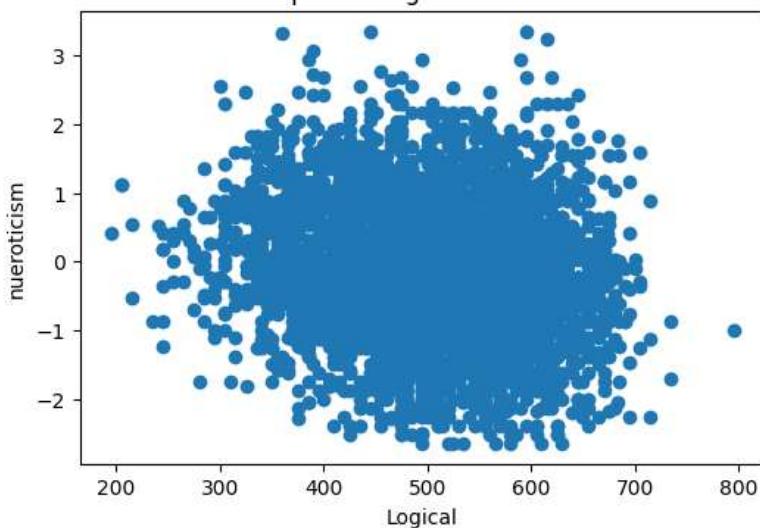


Scatter plot of Logical vs extraversion

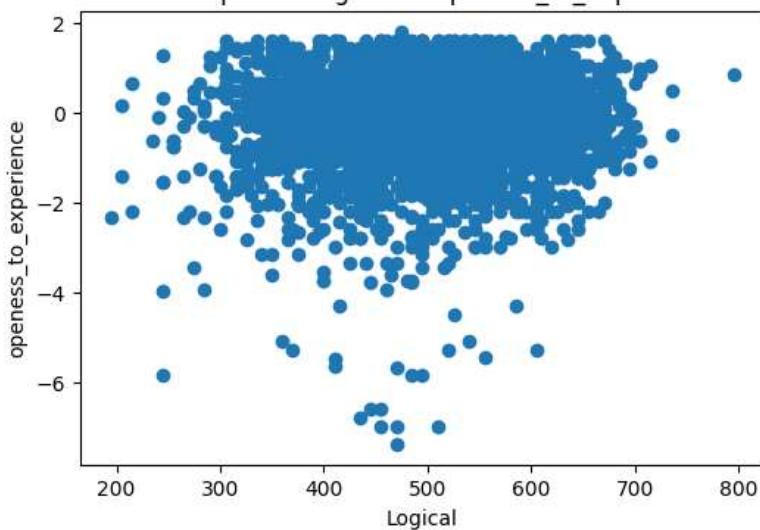




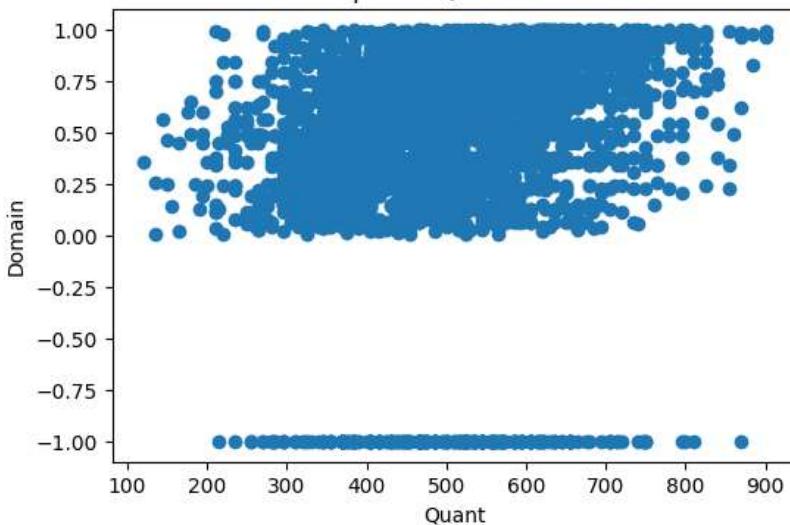
Scatter plot of Logical vs nuerotism



Scatter plot of Logical vs openness_to_experience

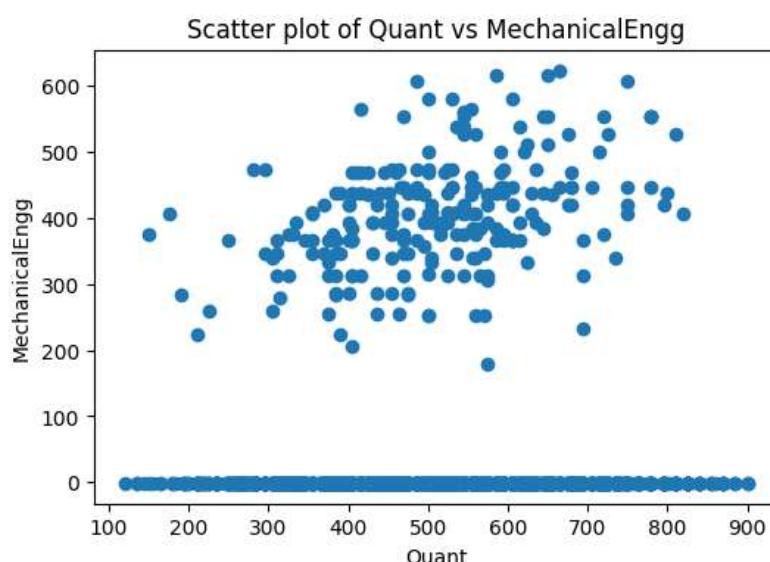
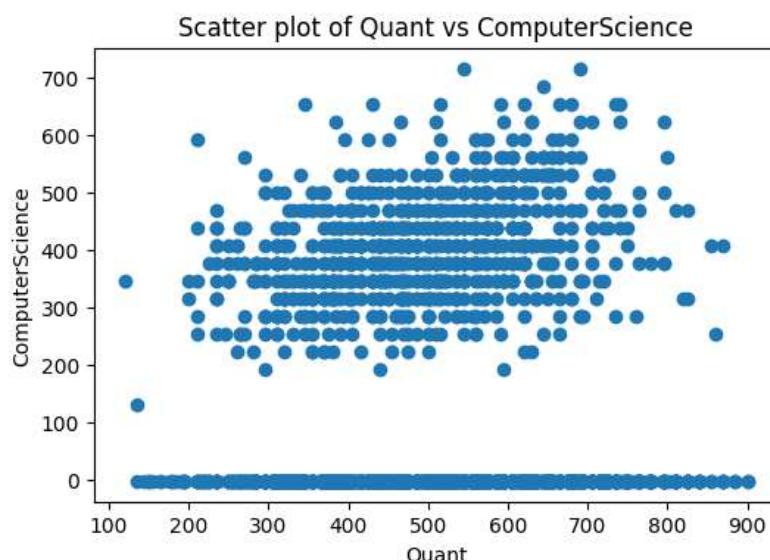
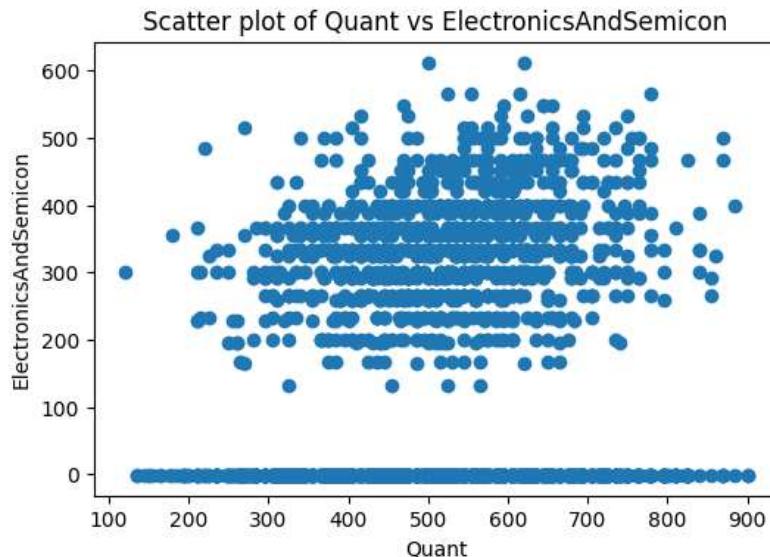
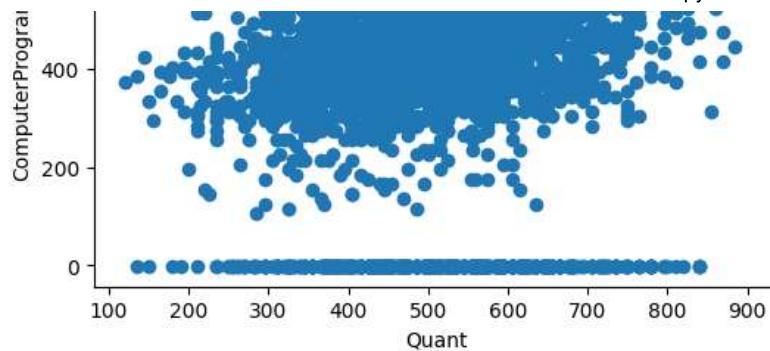


Scatter plot of Quant vs Domain

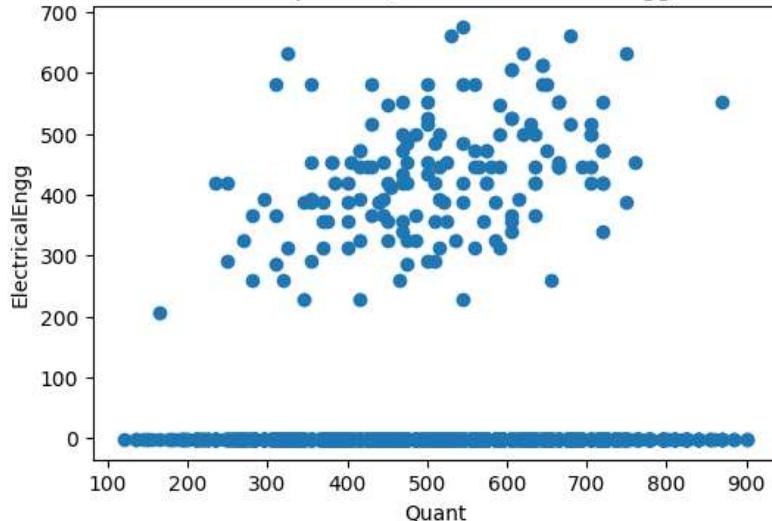


Scatter plot of Quant vs ComputerProgramming

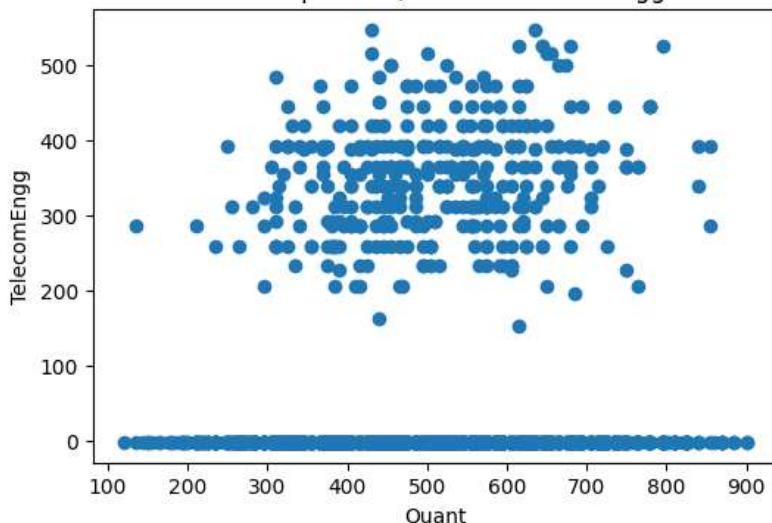




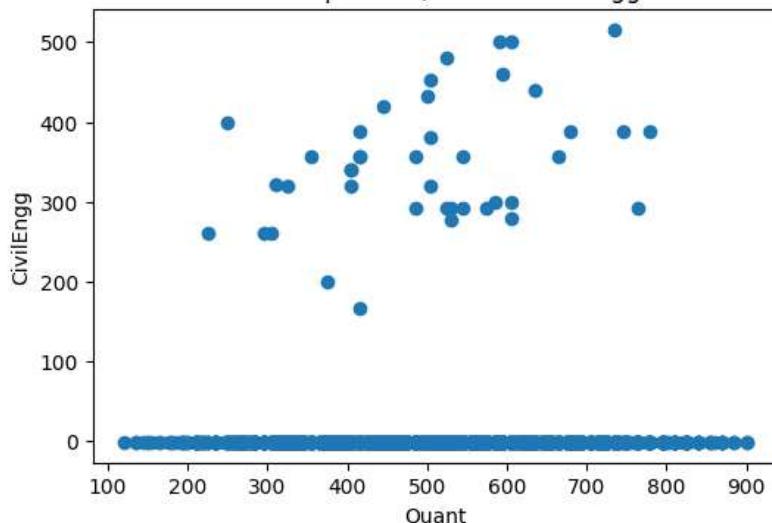
Scatter plot of Quant vs ElectricalEngg



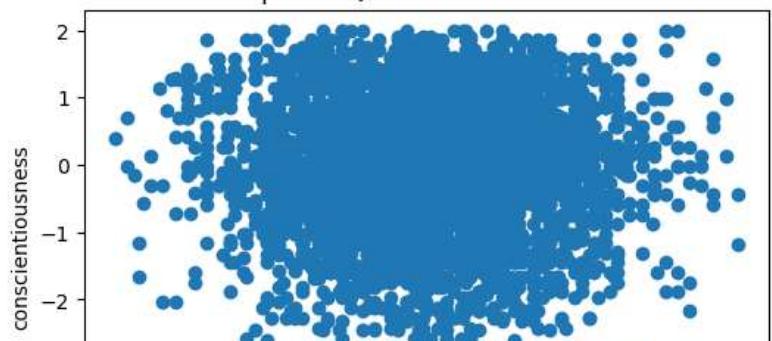
Scatter plot of Quant vs TelecomEngg

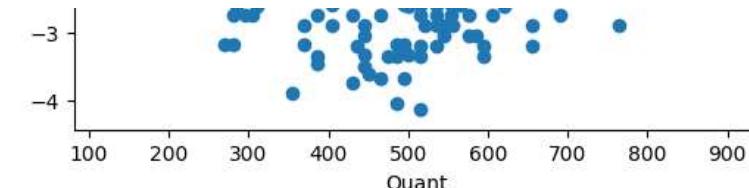


Scatter plot of Quant vs CivilEngg

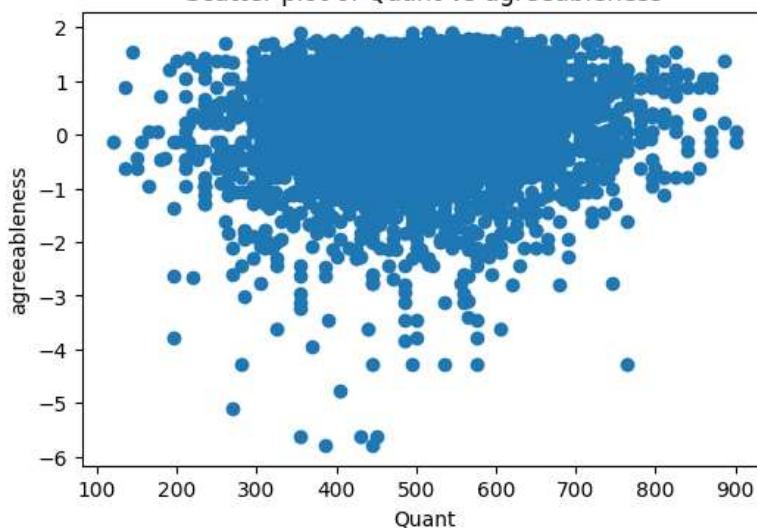


Scatter plot of Quant vs conscientiousness

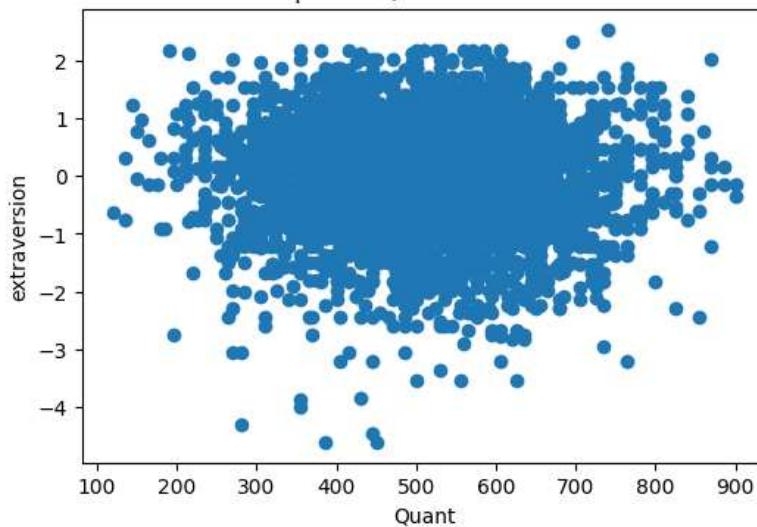




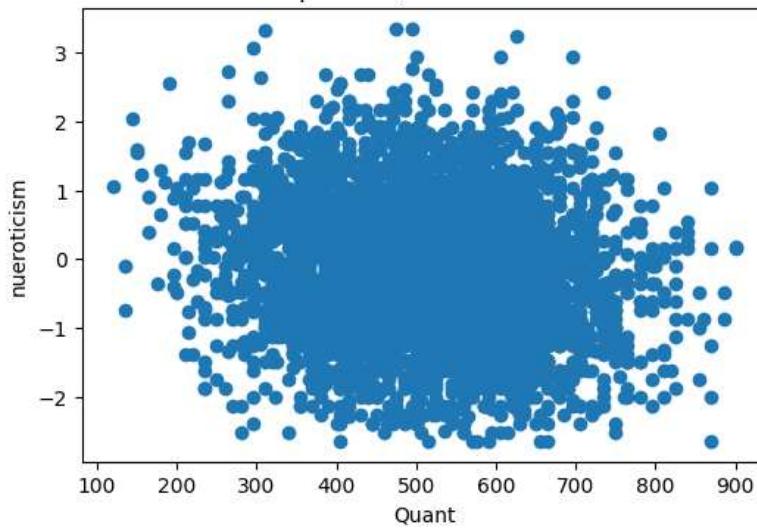
Scatter plot of Quant vs agreeableness



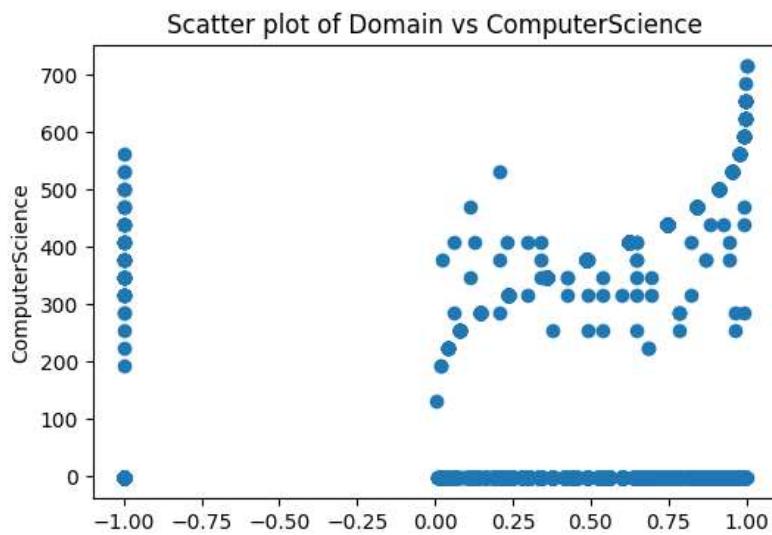
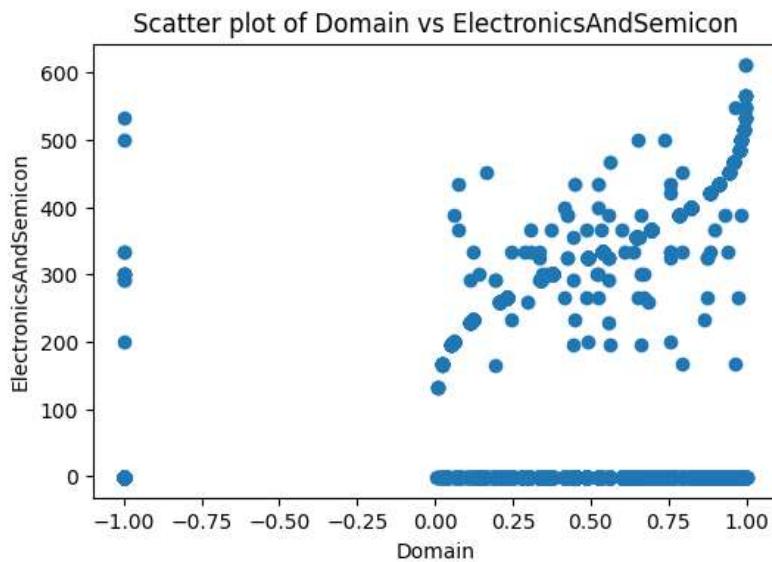
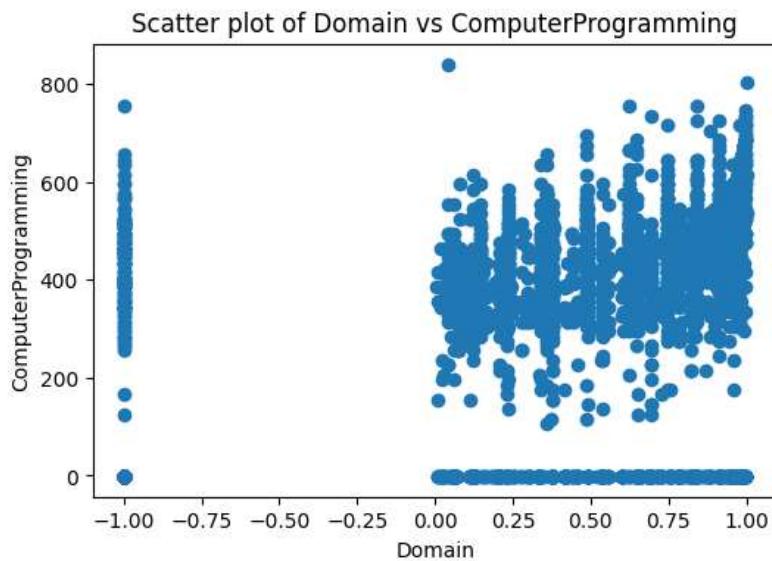
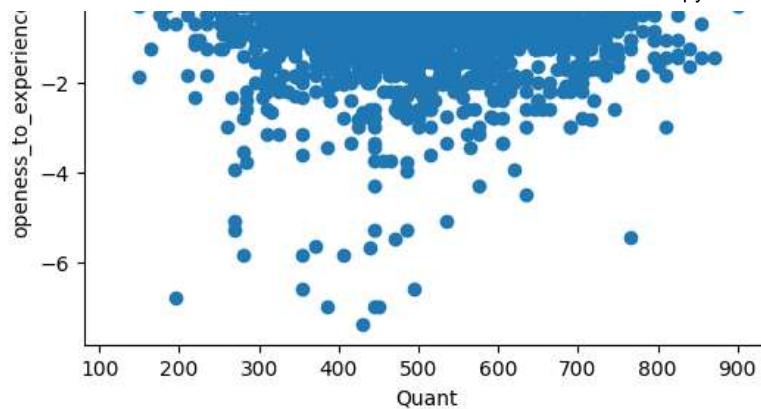
Scatter plot of Quant vs extraversion

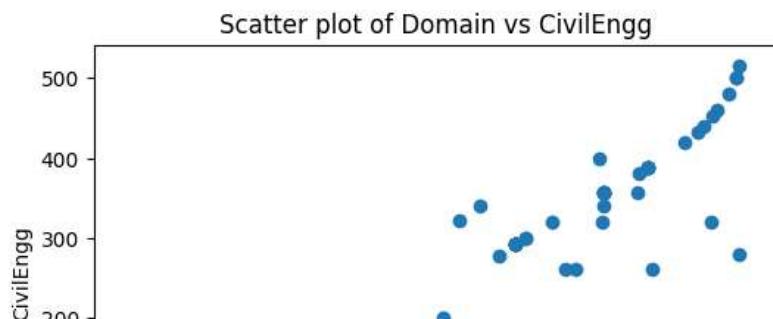
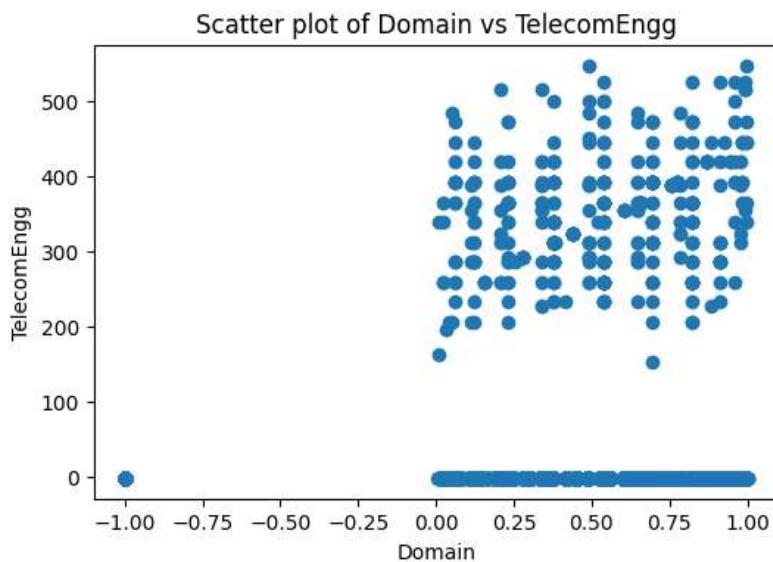
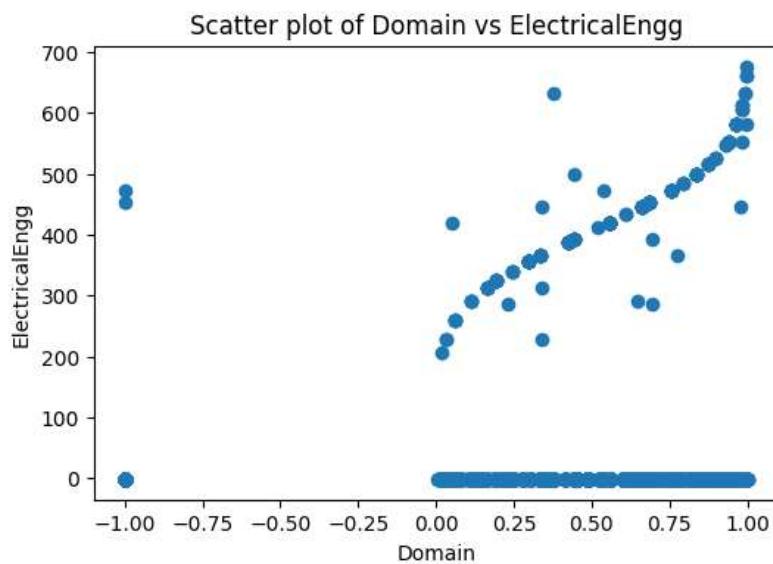
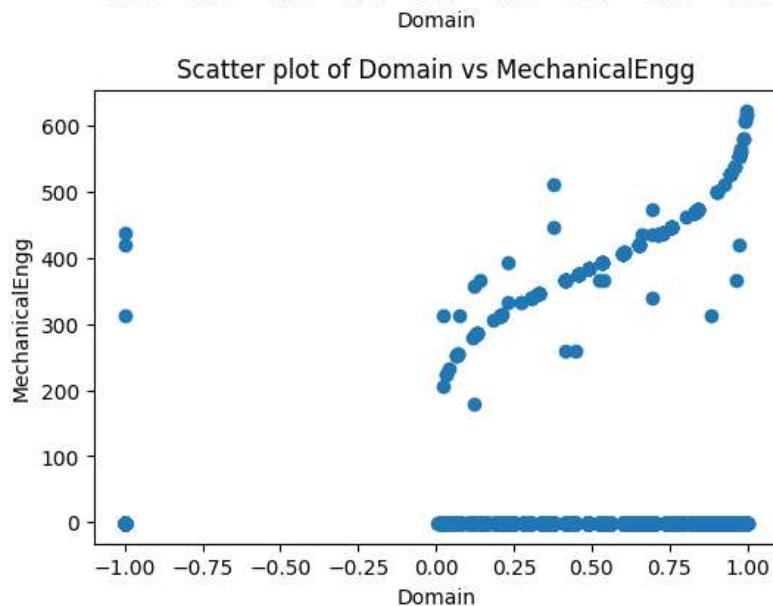


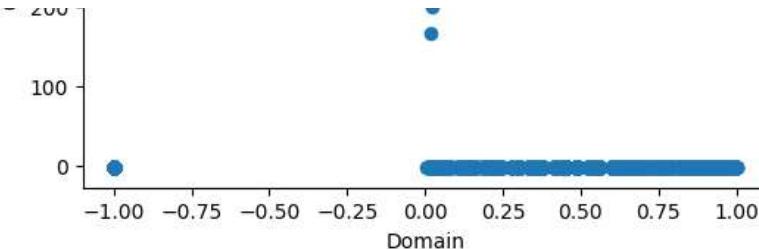
Scatter plot of Quant vs nueroticism



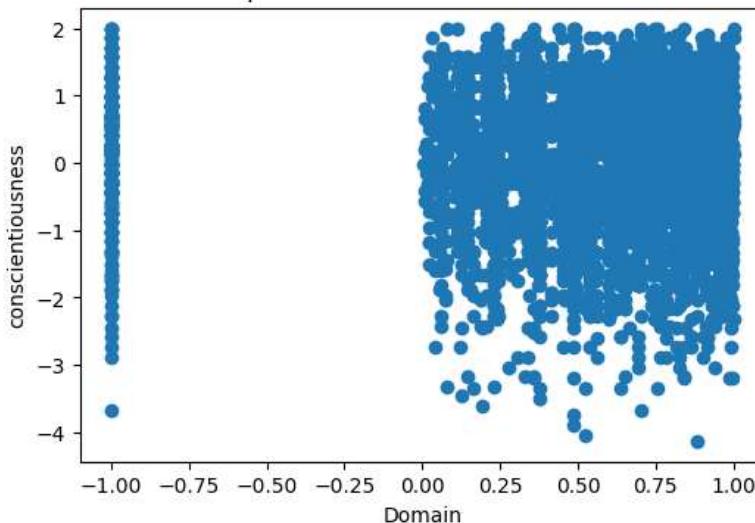
Scatter plot of Quant vs openness_to_experience



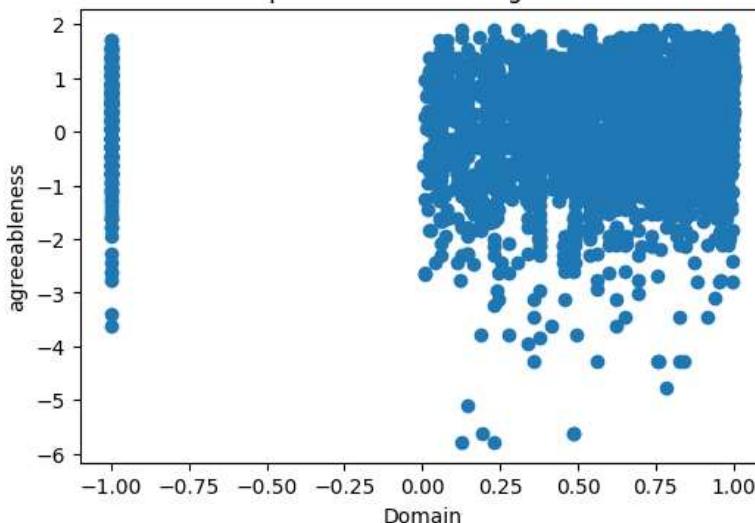




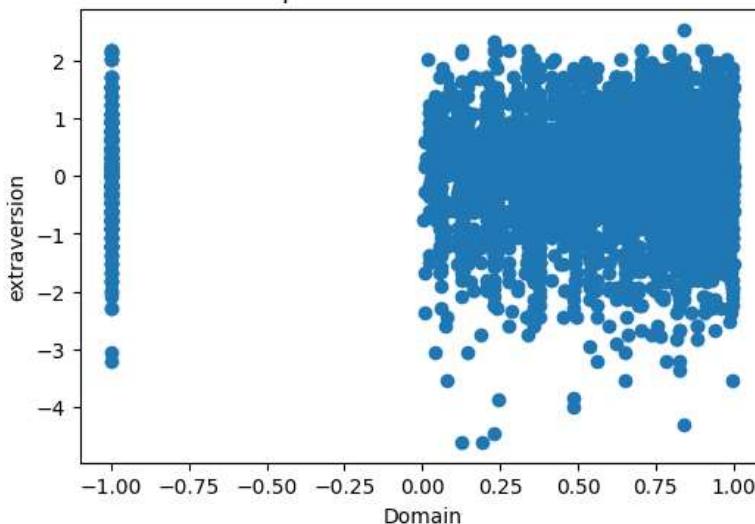
Scatter plot of Domain vs conscientiousness



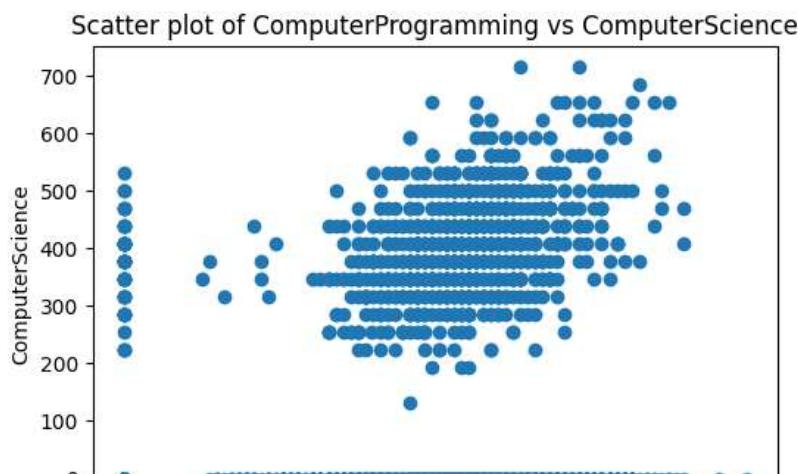
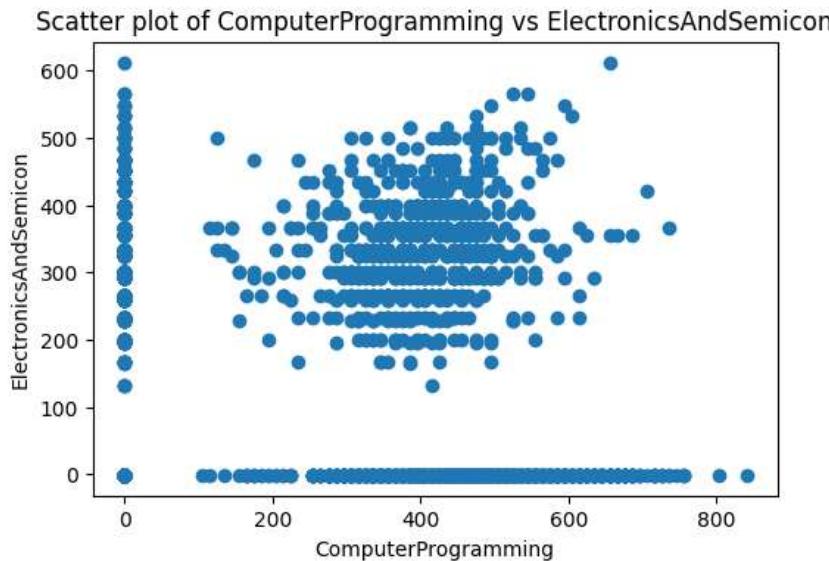
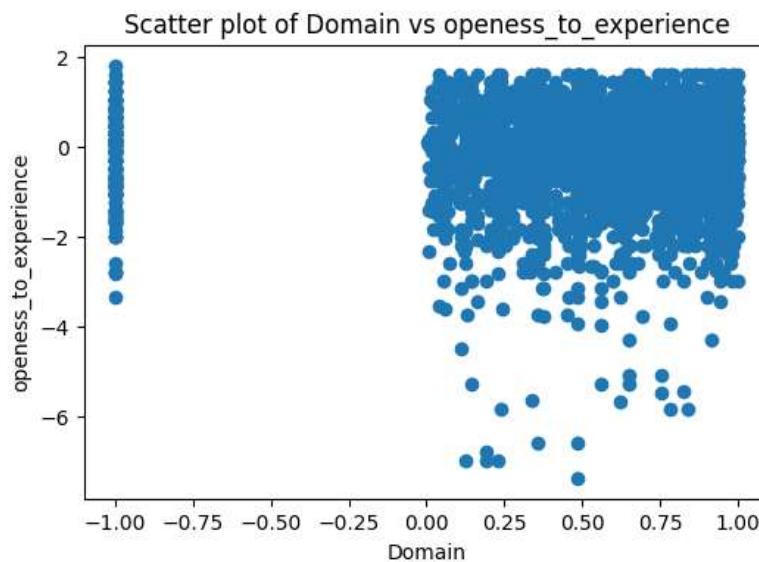
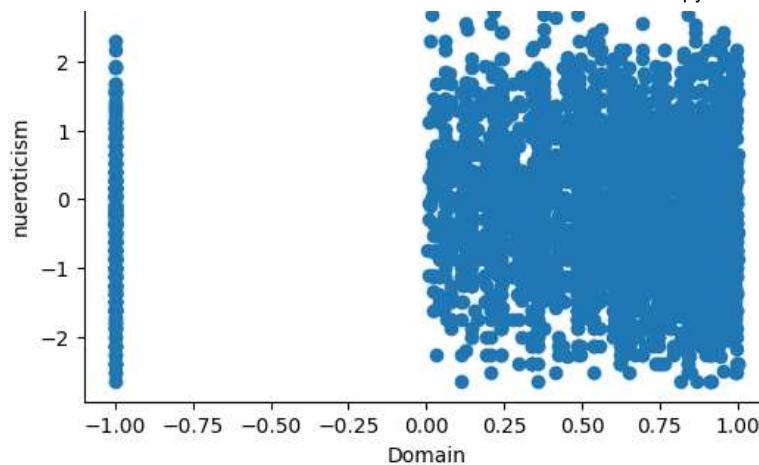
Scatter plot of Domain vs agreeableness

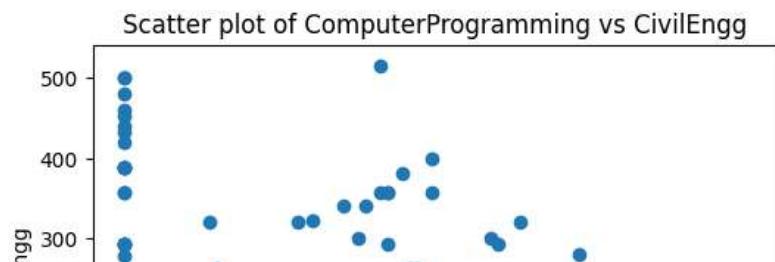
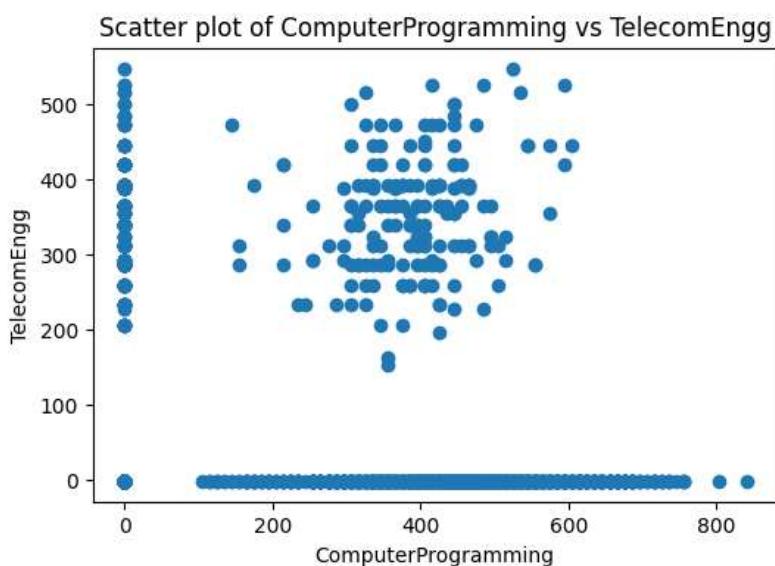
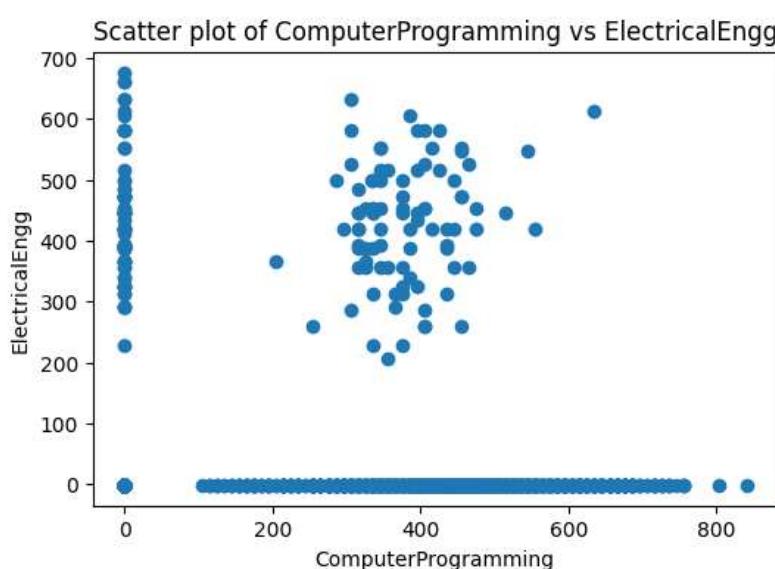
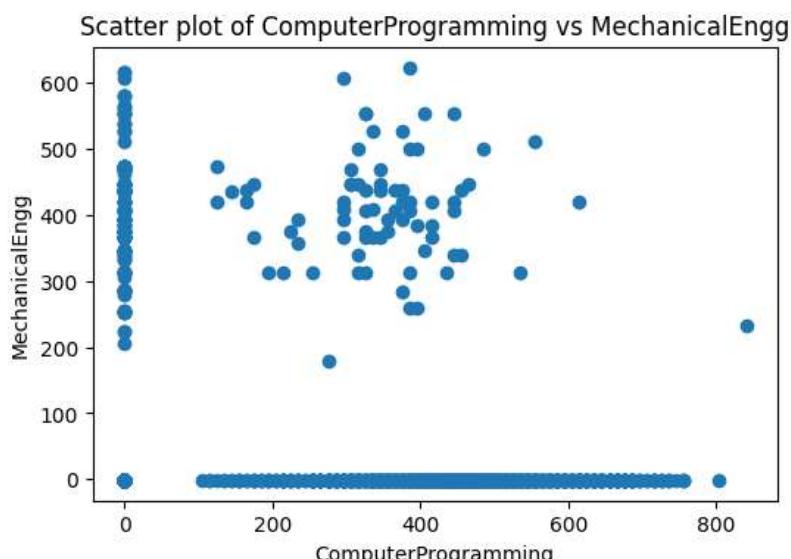
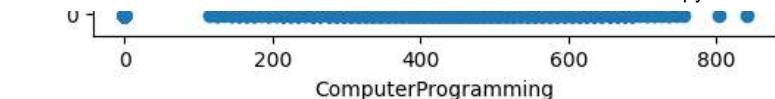


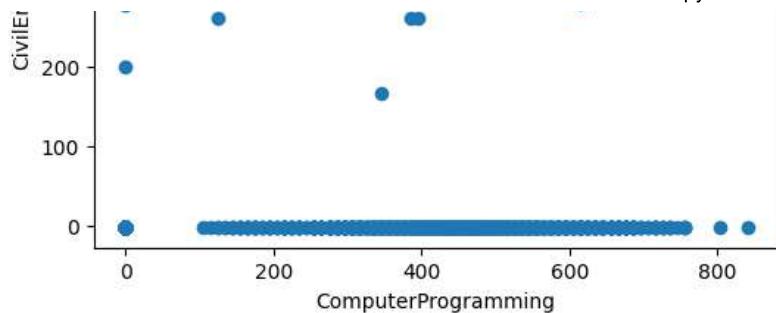
Scatter plot of Domain vs extraversion



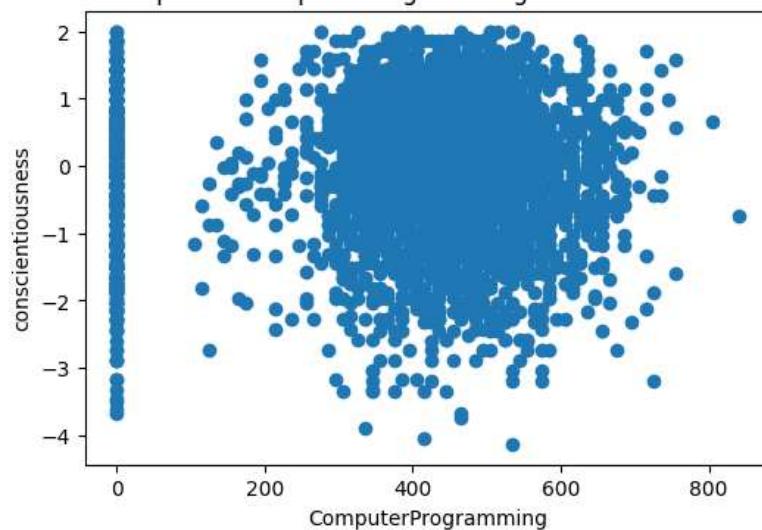
Scatter plot of Domain vs neuroticism



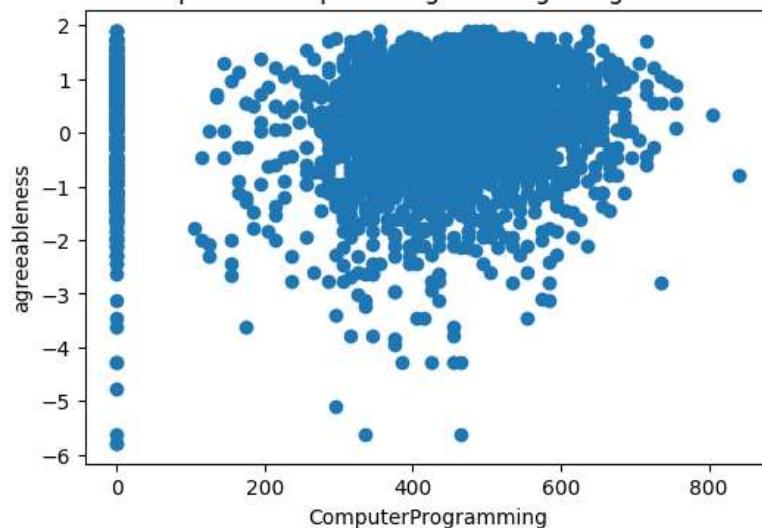




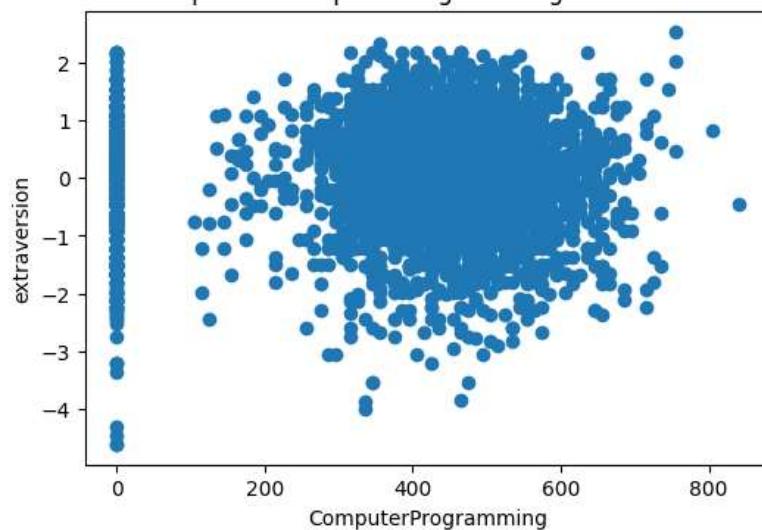
Scatter plot of ComputerProgramming vs conscientiousness



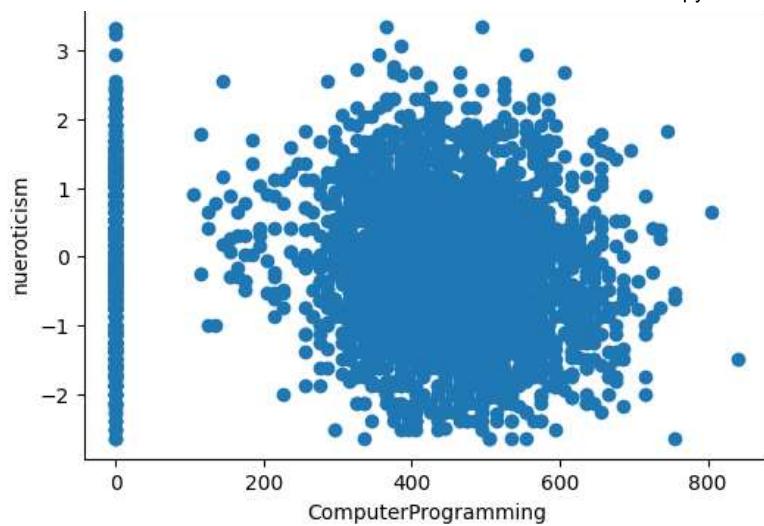
Scatter plot of ComputerProgramming vs agreeableness



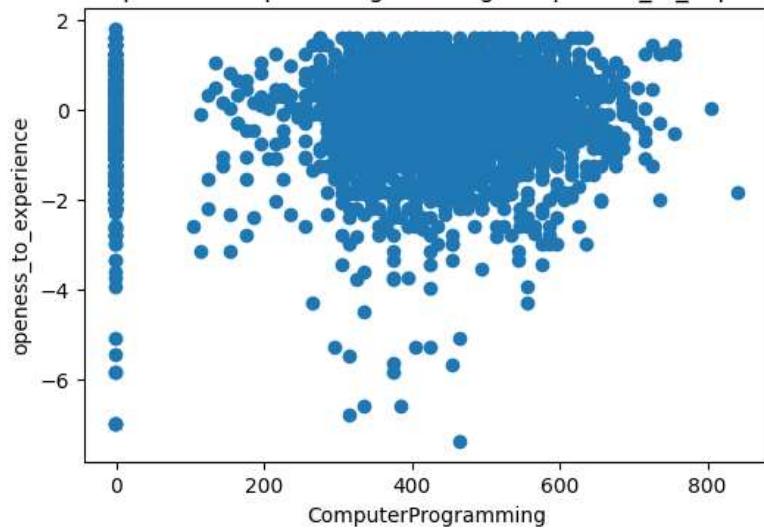
Scatter plot of ComputerProgramming vs extraversion



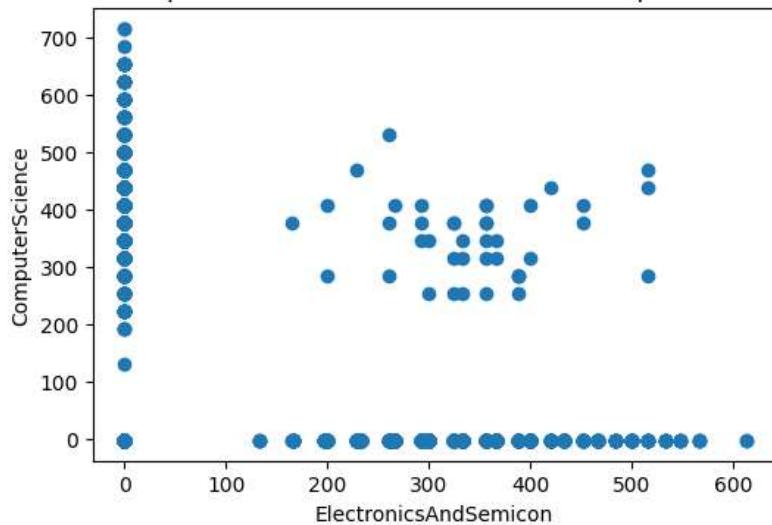
Scatter plot of ComputerProgramming vs nueroticism



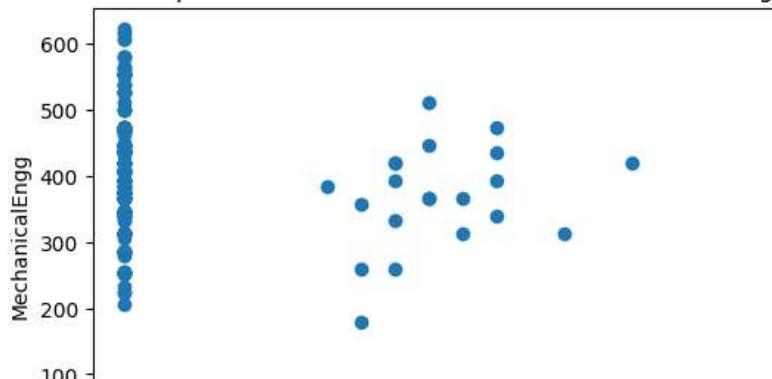
Scatter plot of ComputerProgramming vs openness_to_experience

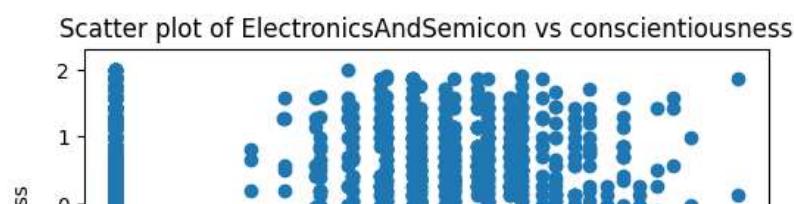
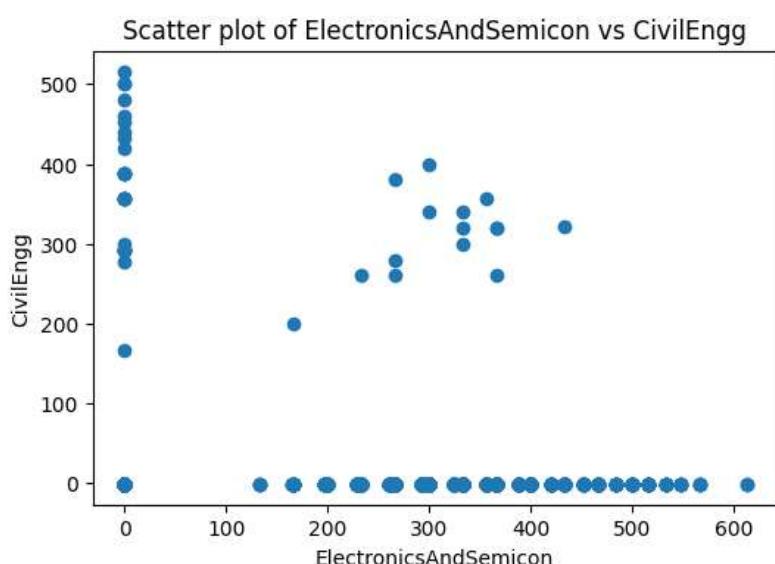
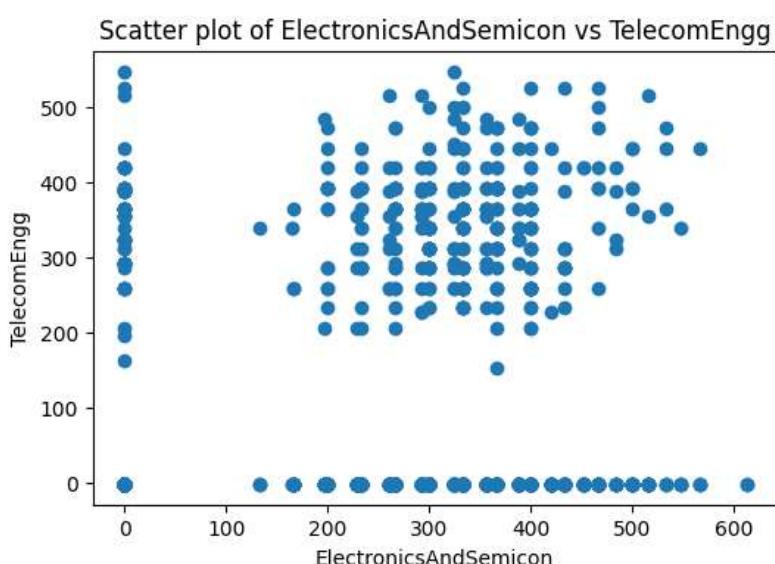
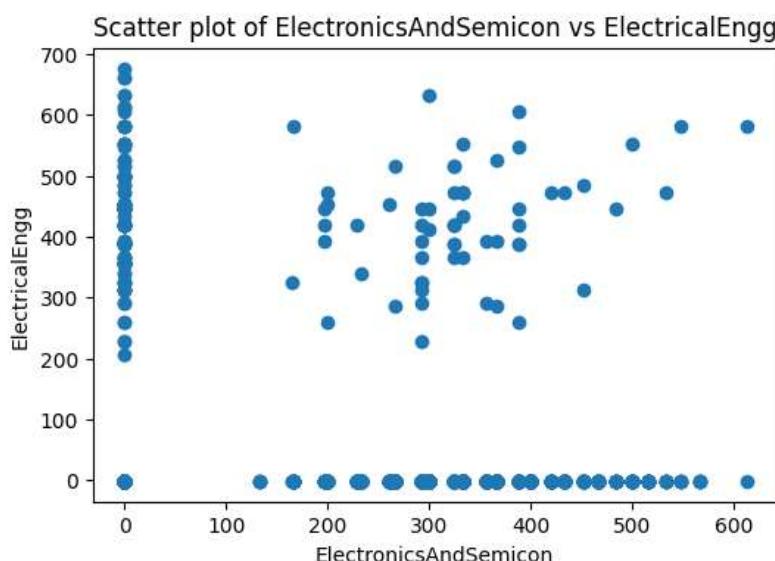
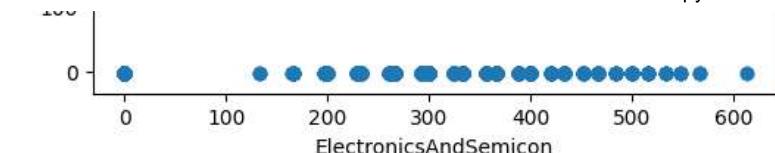


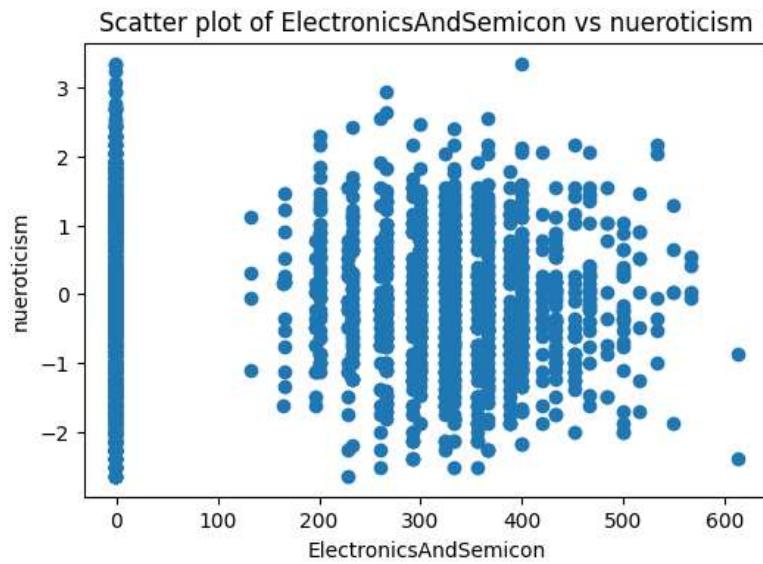
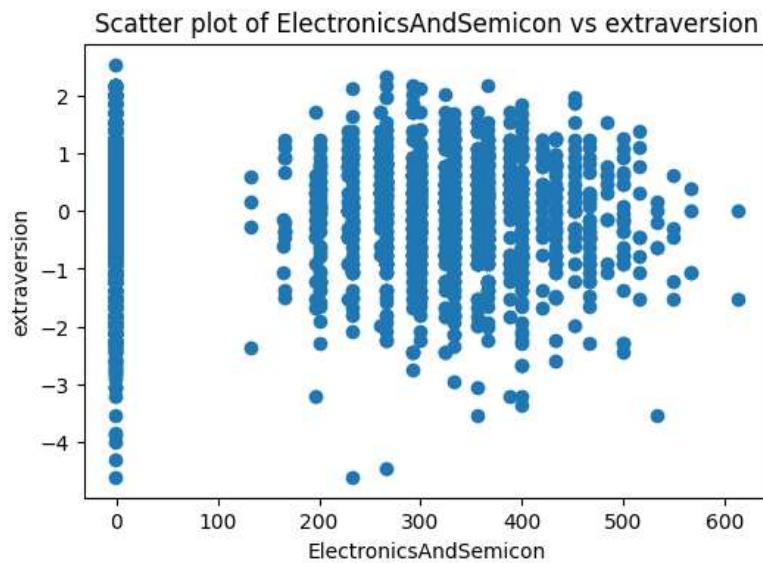
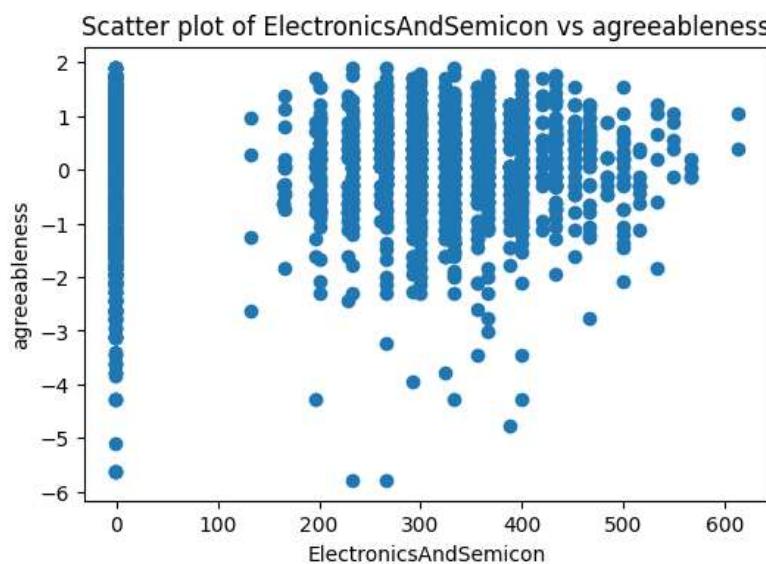
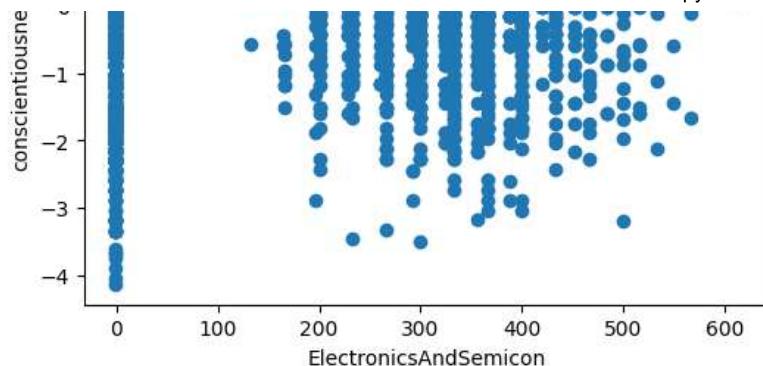
Scatter plot of ElectronicsAndSemicon vs ComputerScience



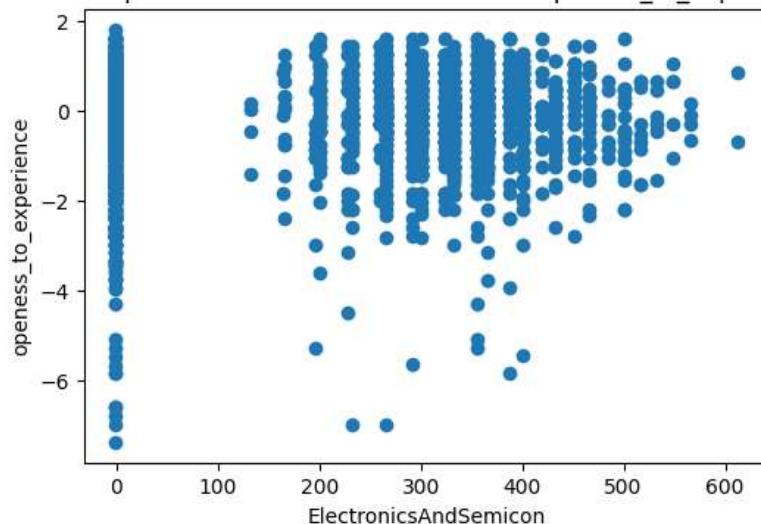
Scatter plot of ElectronicsAndSemicon vs MechanicalEngg



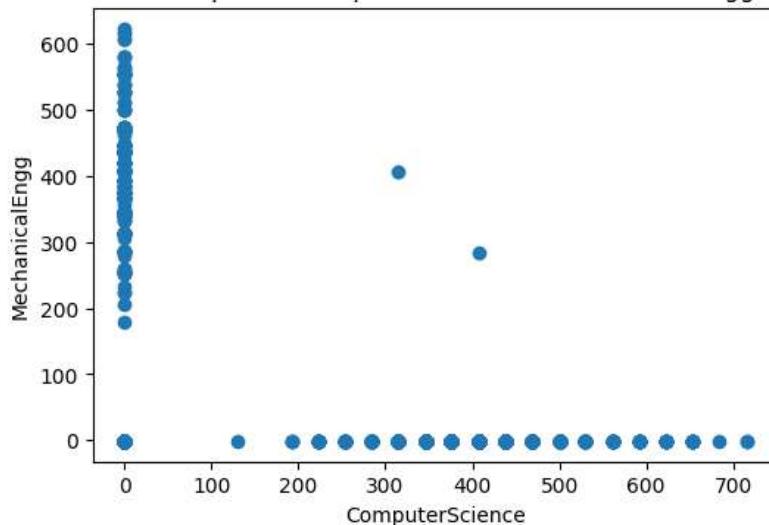




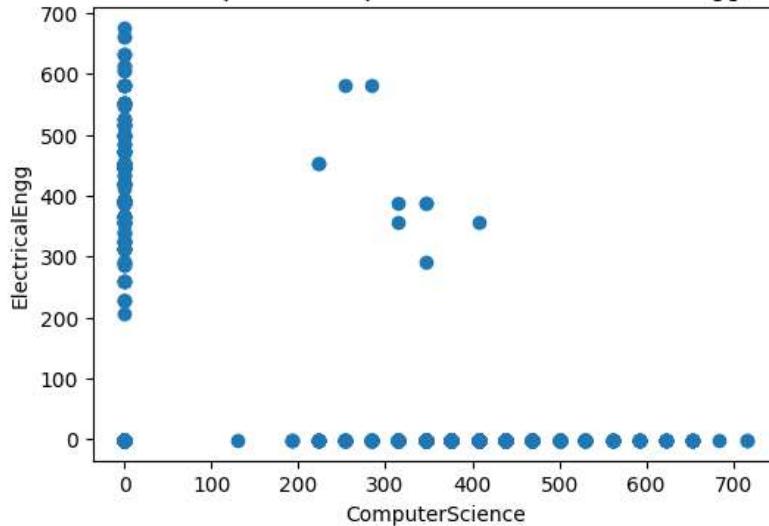
Scatter plot of ElectronicsAndSemicon vs openness_to_experience



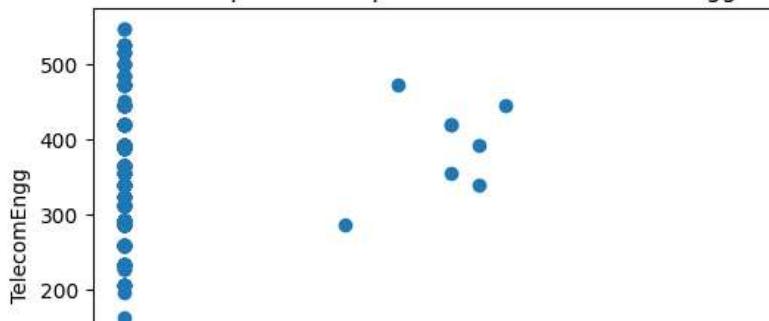
Scatter plot of ComputerScience vs MechanicalEngg

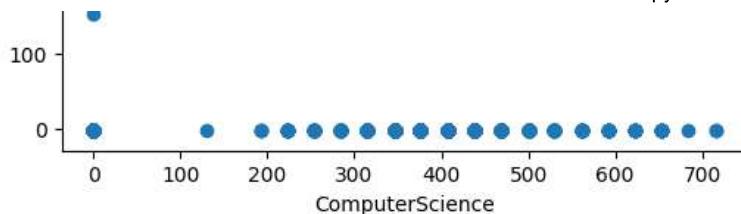


Scatter plot of ComputerScience vs ElectricalEngg

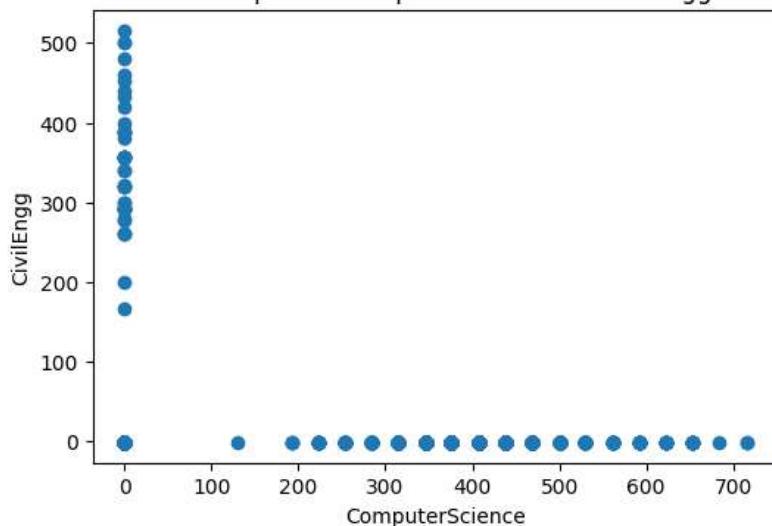


Scatter plot of ComputerScience vs TelecomEngg

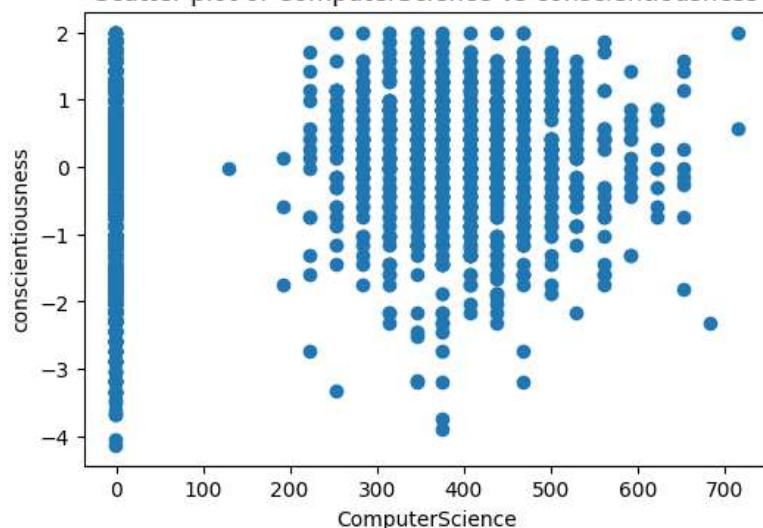




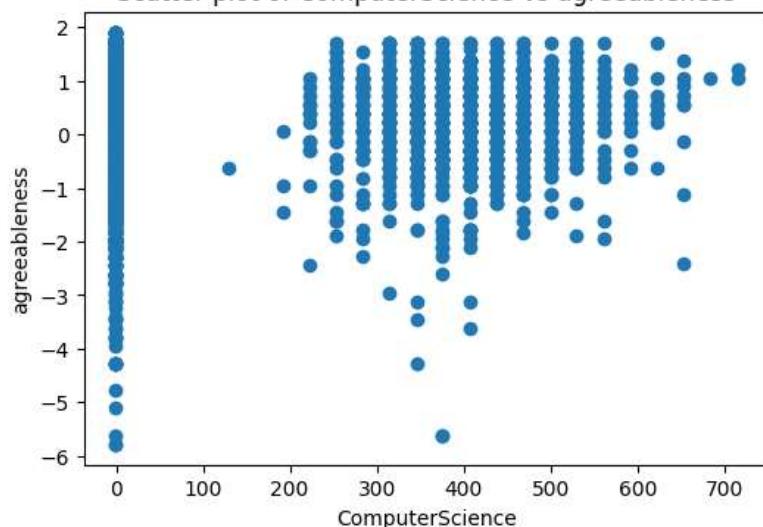
Scatter plot of ComputerScience vs CivilEngg



Scatter plot of ComputerScience vs conscientiousness

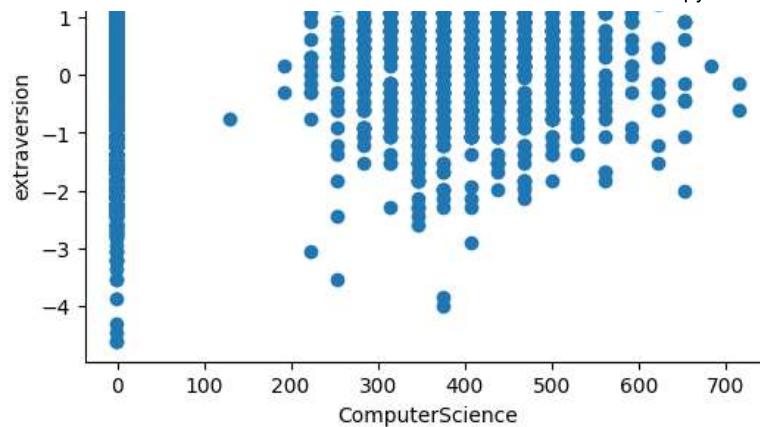


Scatter plot of ComputerScience vs extraversion

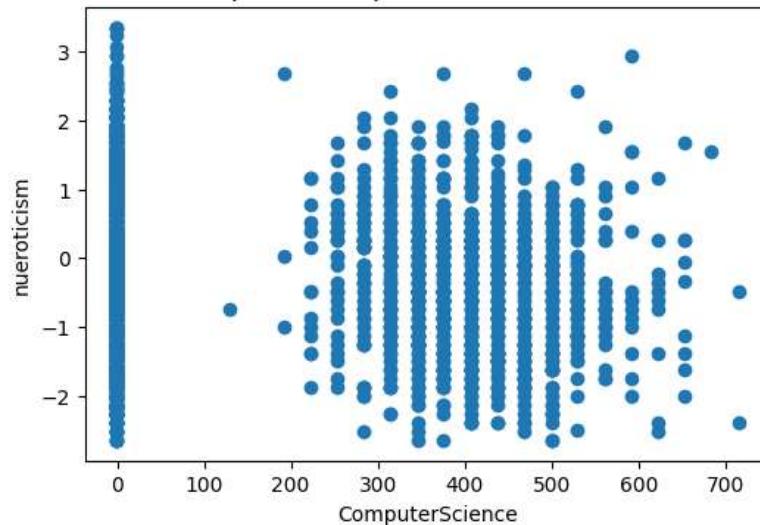


Scatter plot of ComputerScience vs extraversion

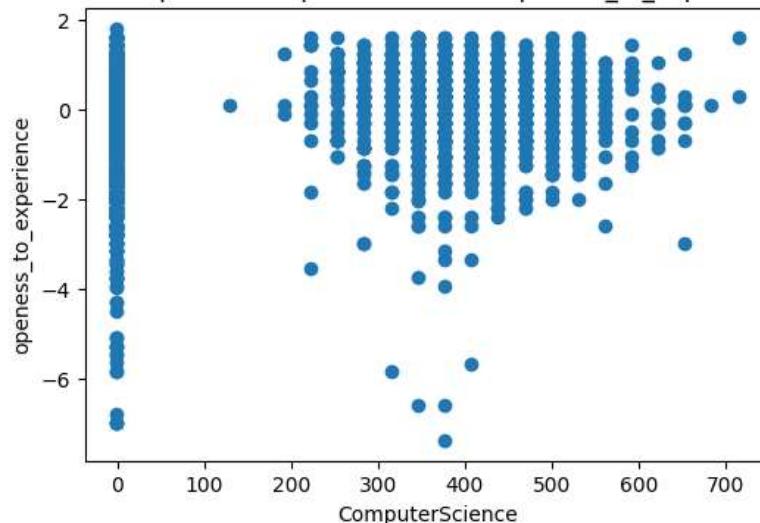




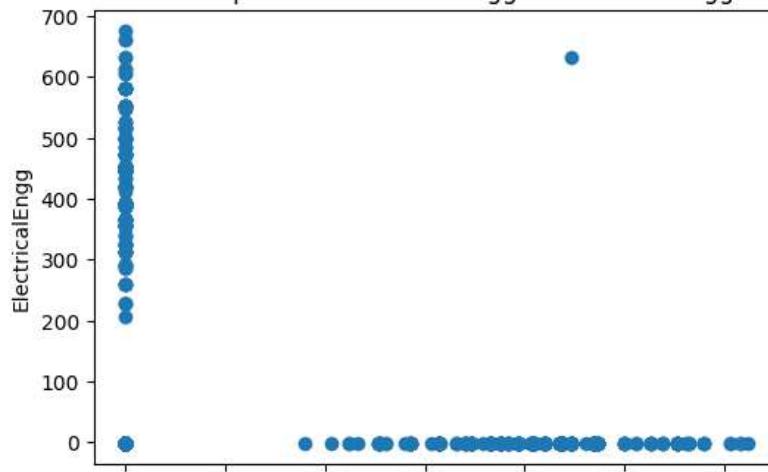
Scatter plot of ComputerScience vs nueroticism



Scatter plot of ComputerScience vs openness_to_experience



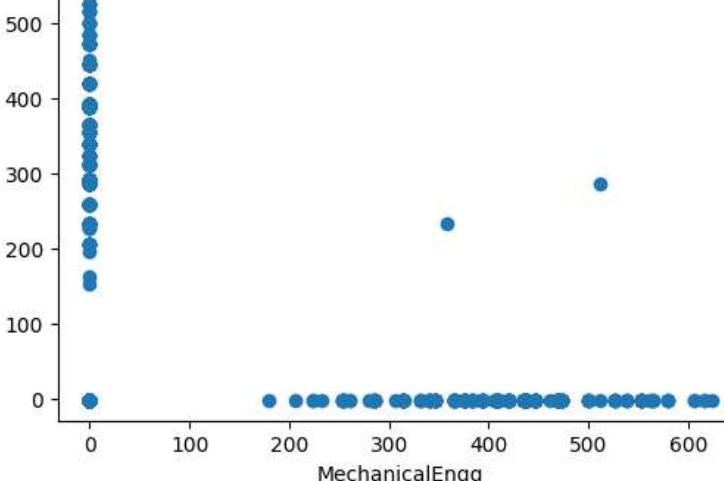
Scatter plot of MechanicalEngg vs ElectricalEngg





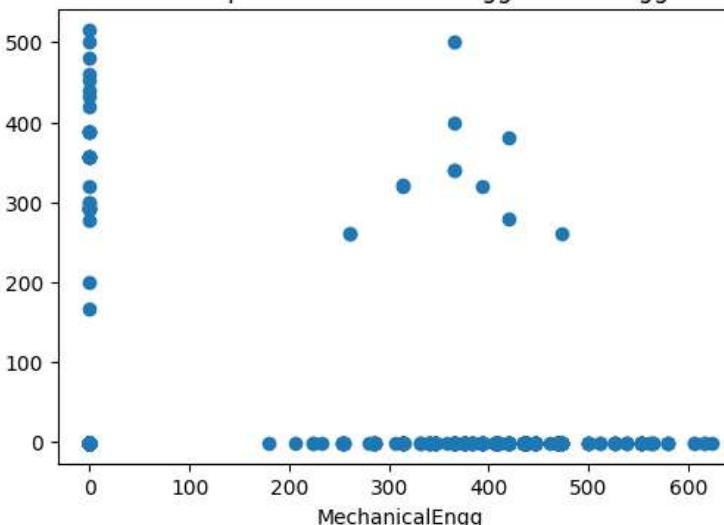
Scatter plot of MechanicalEngg vs TelecomEngg

TelecomEngg



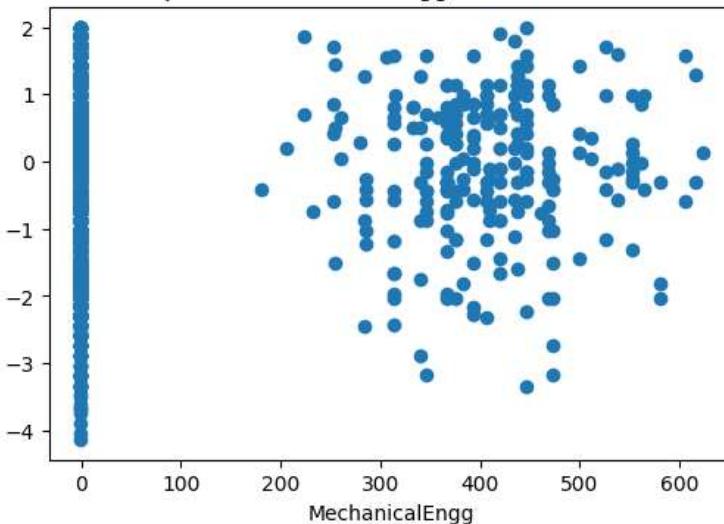
Scatter plot of MechanicalEngg vs CivilEngg

CivilEngg



Scatter plot of MechanicalEngg vs conscientiousness

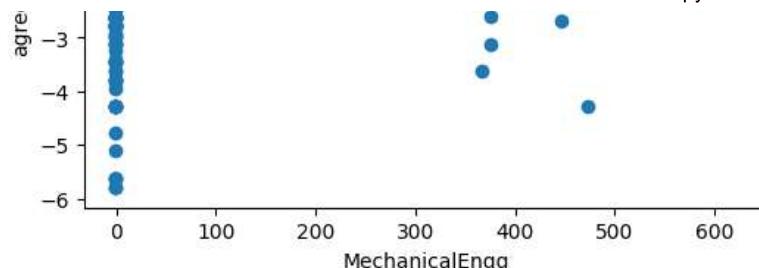
conscientiousness



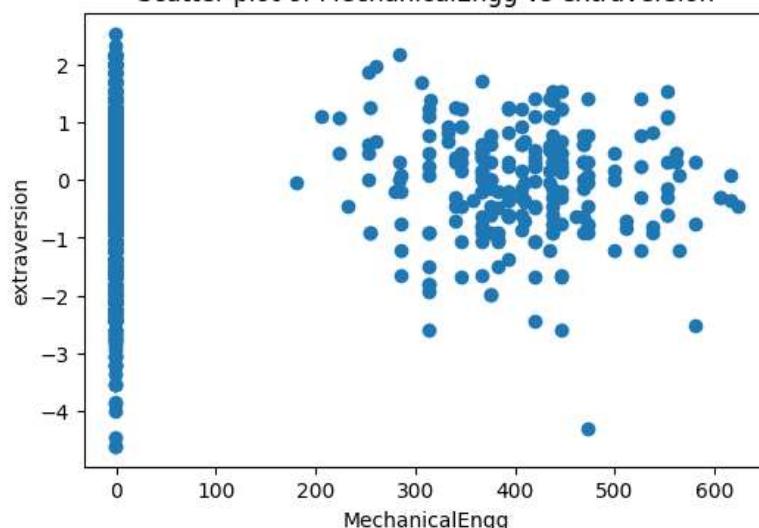
Scatter plot of MechanicalEngg vs agreeableness

agreeableness

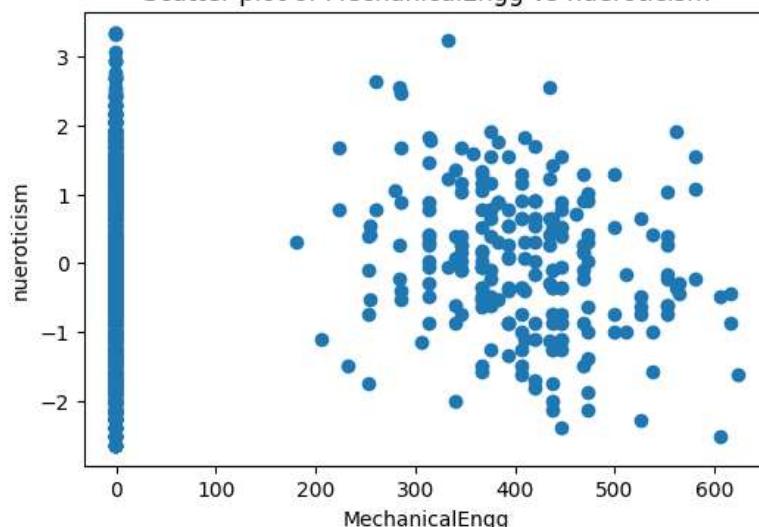




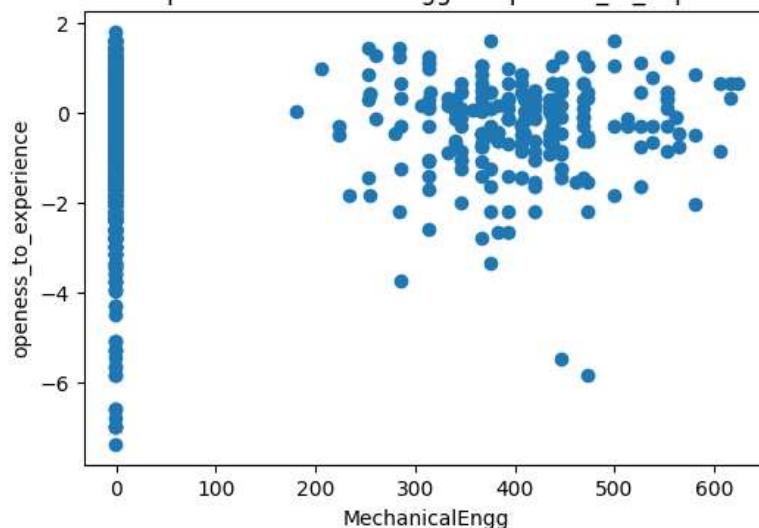
Scatter plot of MechanicalEngg vs extraversion



Scatter plot of MechanicalEngg vs nueroticism

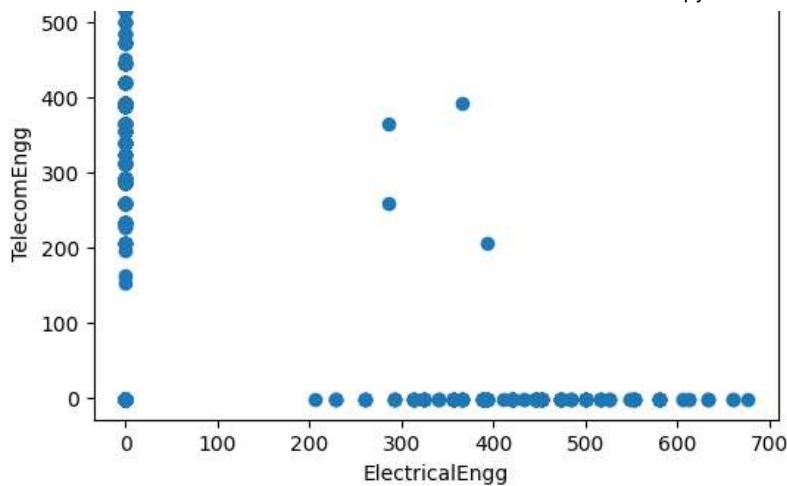


Scatter plot of MechanicalEngg vs openness_to_experience

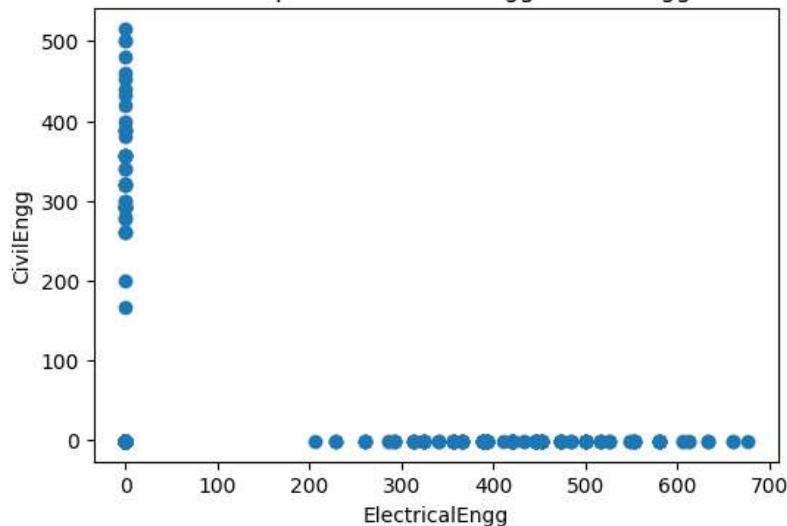


Scatter plot of ElectricalEngg vs TelecomEngg

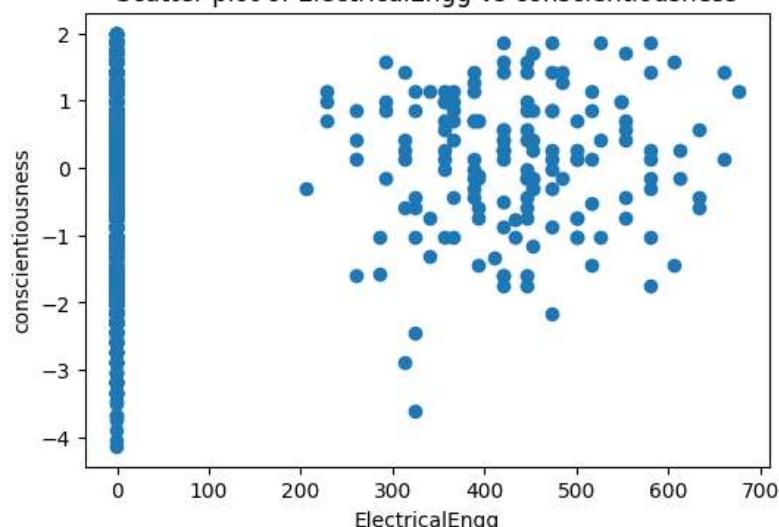




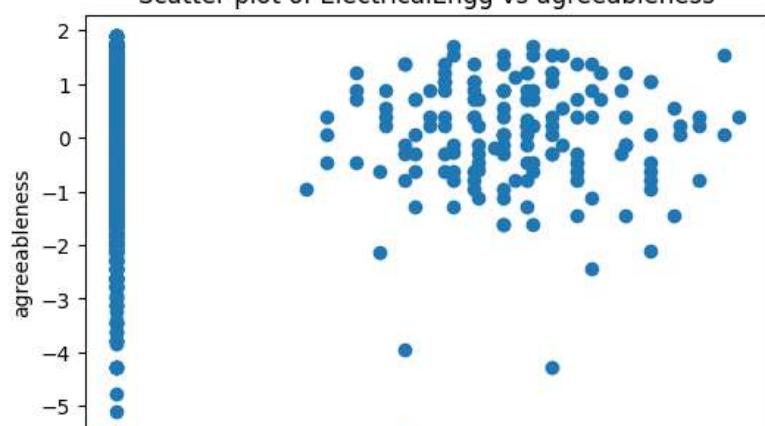
Scatter plot of ElectricalEngg vs CivilEngg

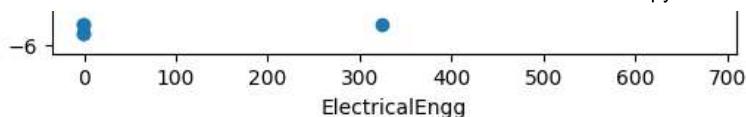


Scatter plot of ElectricalEngg vs conscientiousness

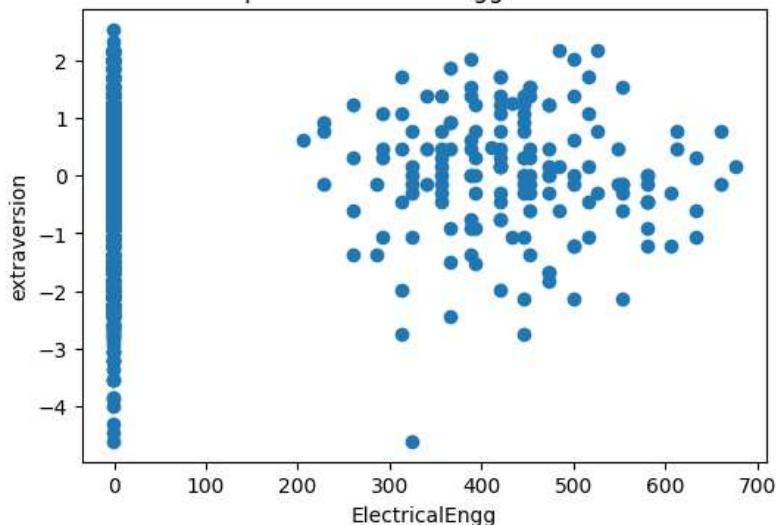


Scatter plot of ElectricalEngg vs agreeableness

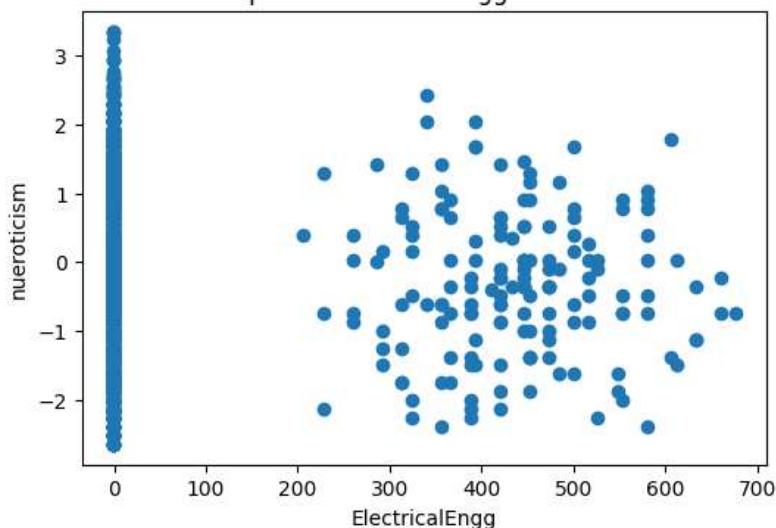




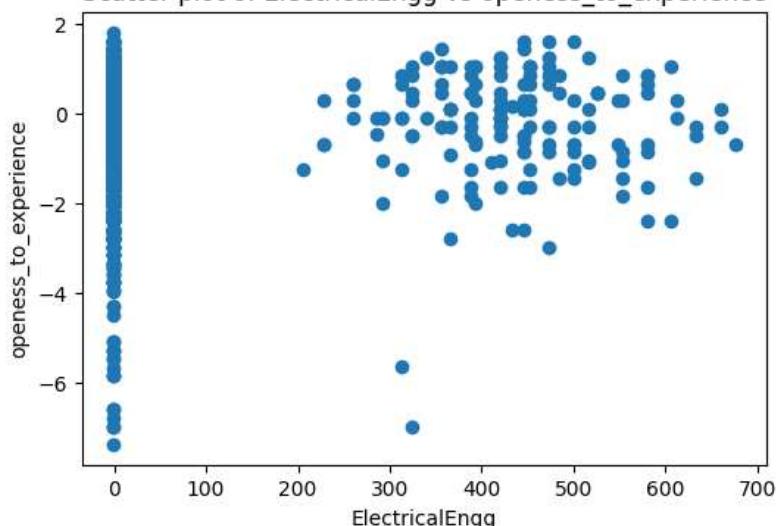
Scatter plot of ElectricalEngg vs extraversion



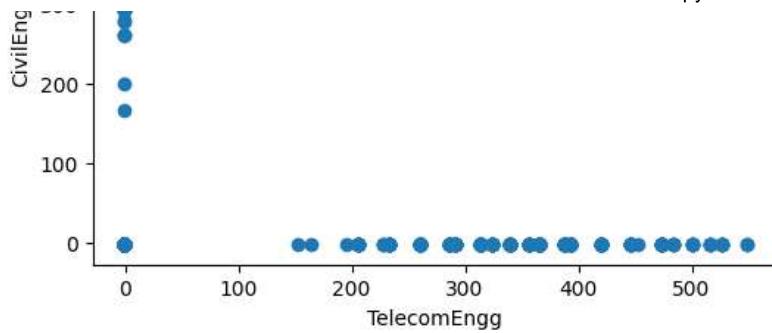
Scatter plot of ElectricalEngg vs nueroticism



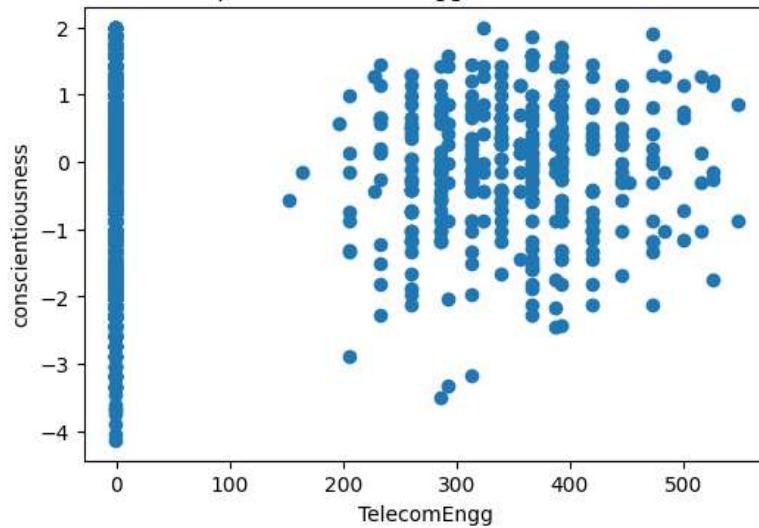
Scatter plot of ElectricalEngg vs openness_to_experience



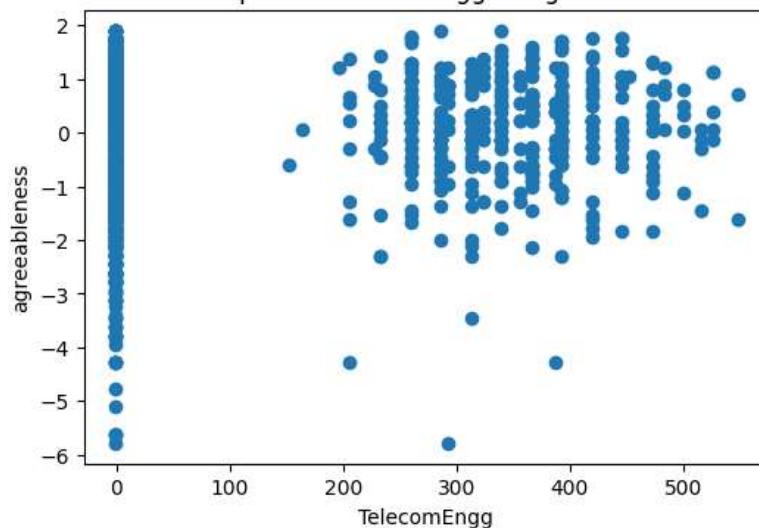
Scatter plot of TelecomEngg vs CivilEngg



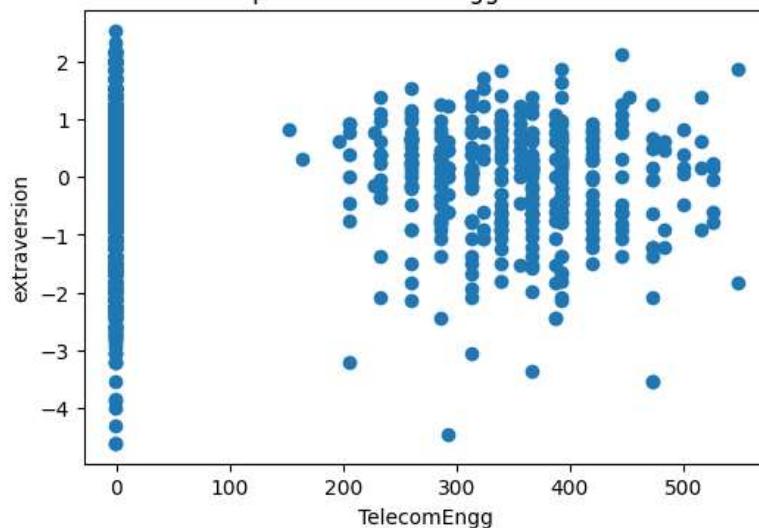
Scatter plot of TelecomEngg vs conscientiousness



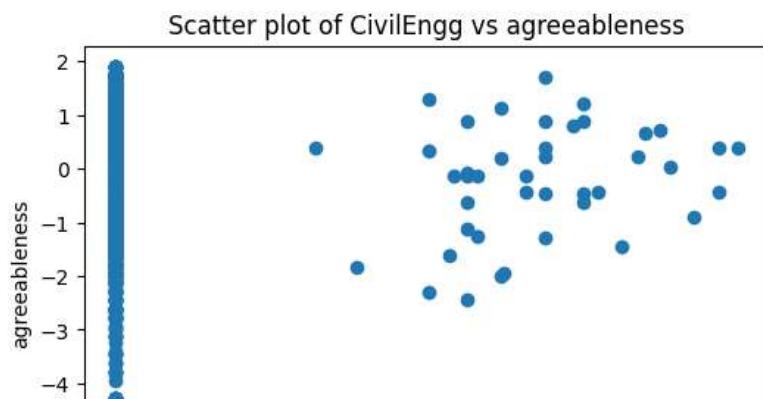
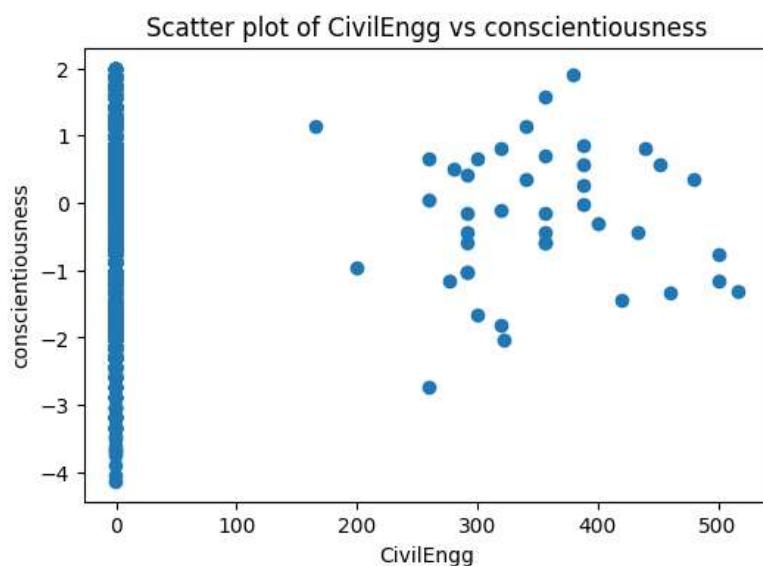
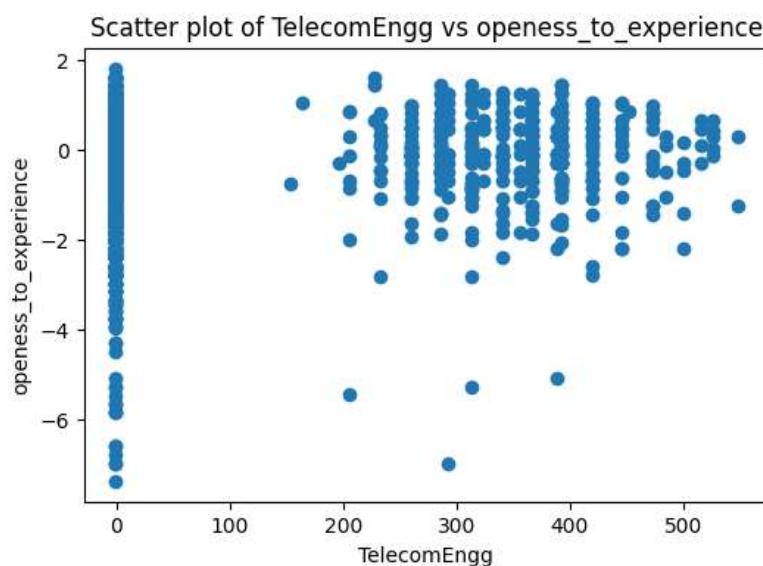
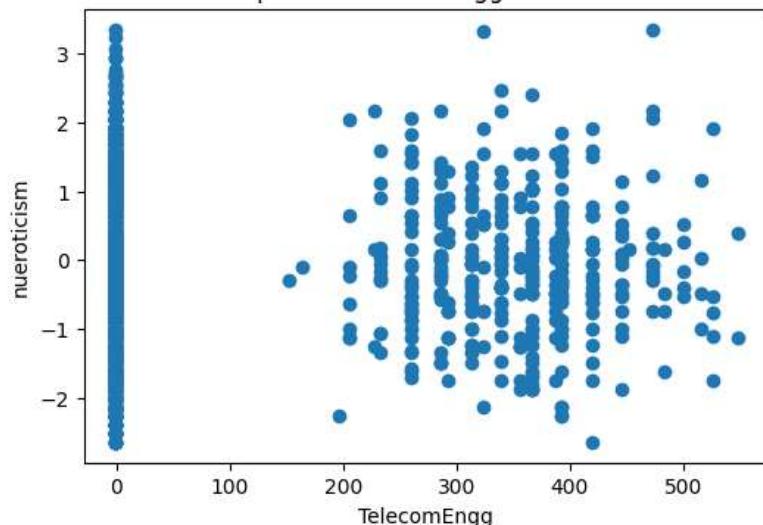
Scatter plot of TelecomEngg vs agreeableness

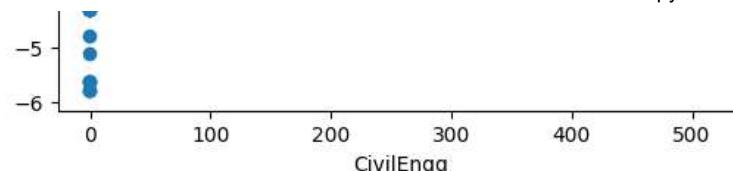


Scatter plot of TelecomEngg vs extraversion

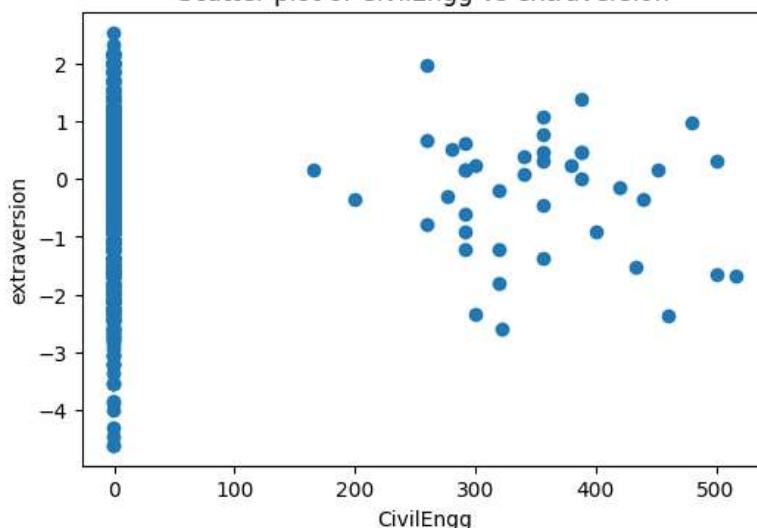


Scatter plot of TelecomEngg vs neuroticism

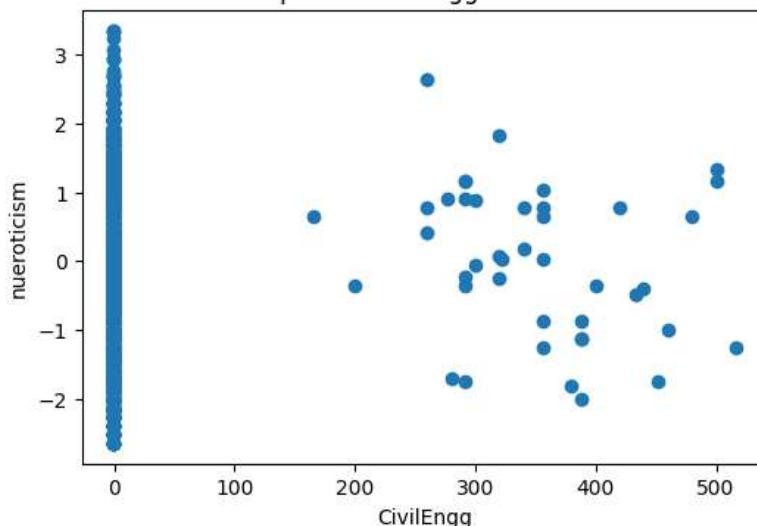




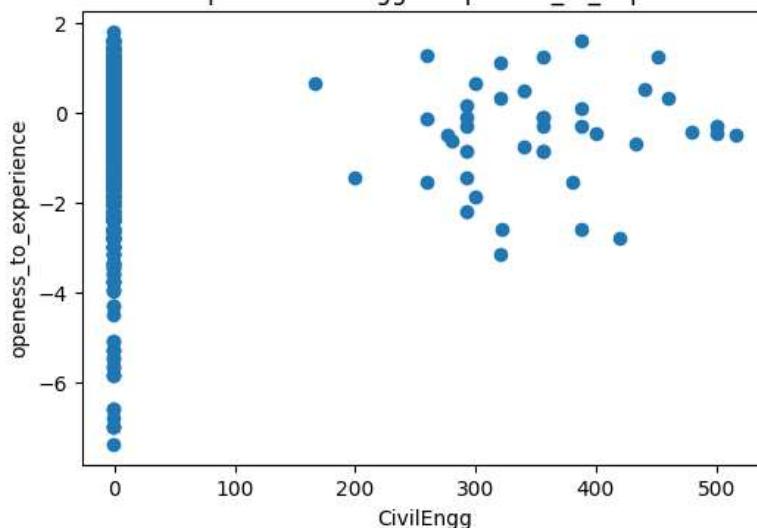
Scatter plot of CivilEngg vs extraversion



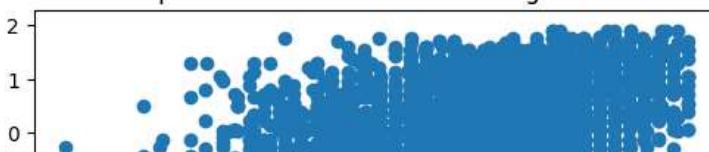
Scatter plot of CivilEngg vs nueroticism

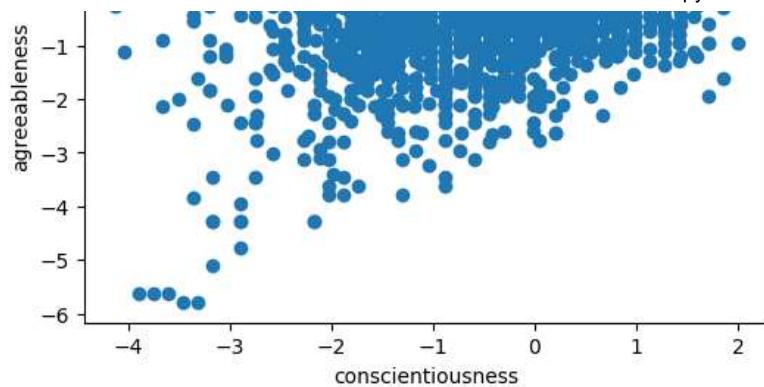


Scatter plot of CivilEngg vs openness_to_experience

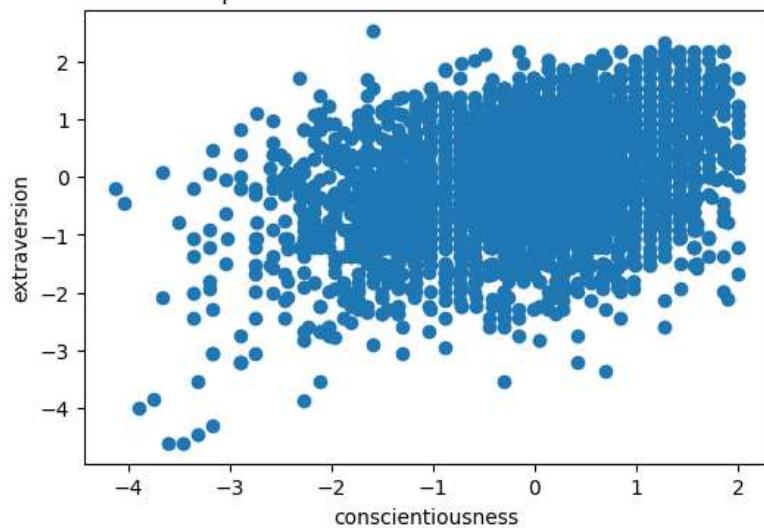


Scatter plot of conscientiousness vs agreeableness

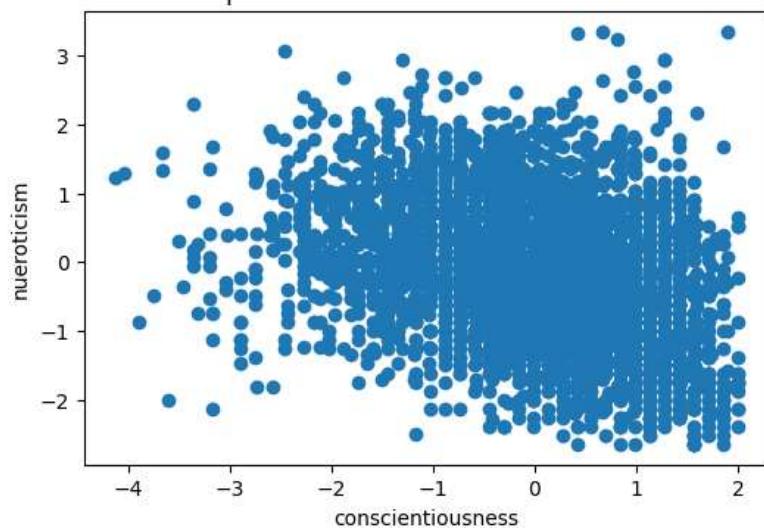




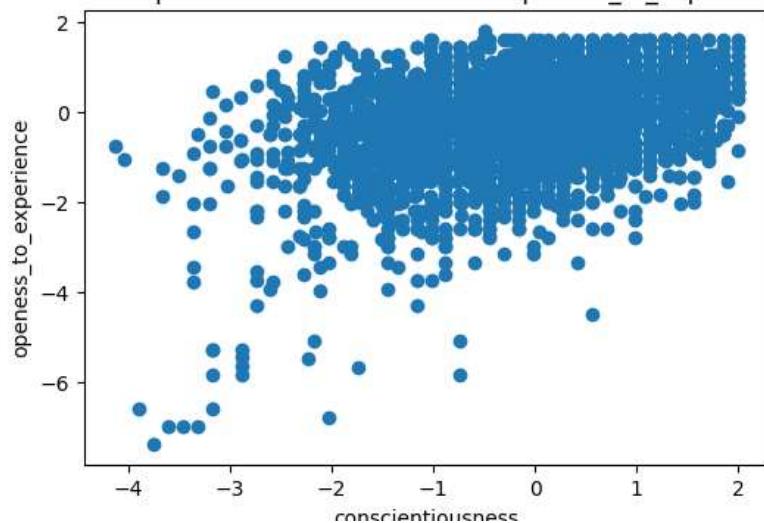
Scatter plot of conscientiousness vs extraversion



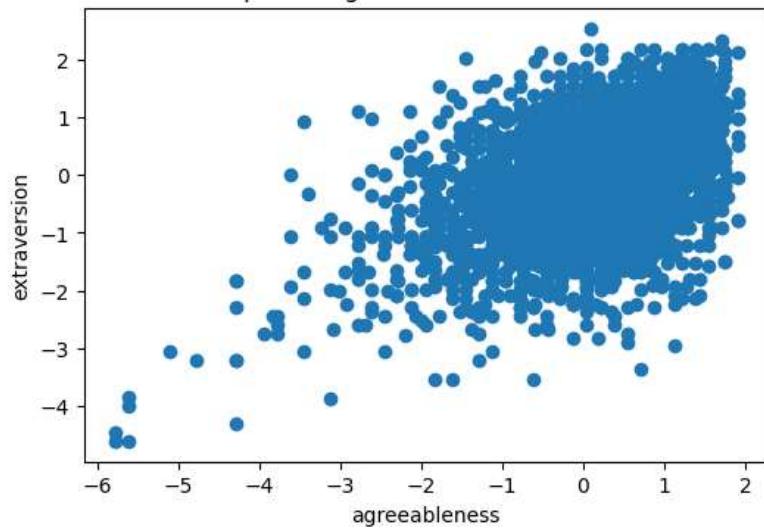
Scatter plot of conscientiousness vs neuroticism



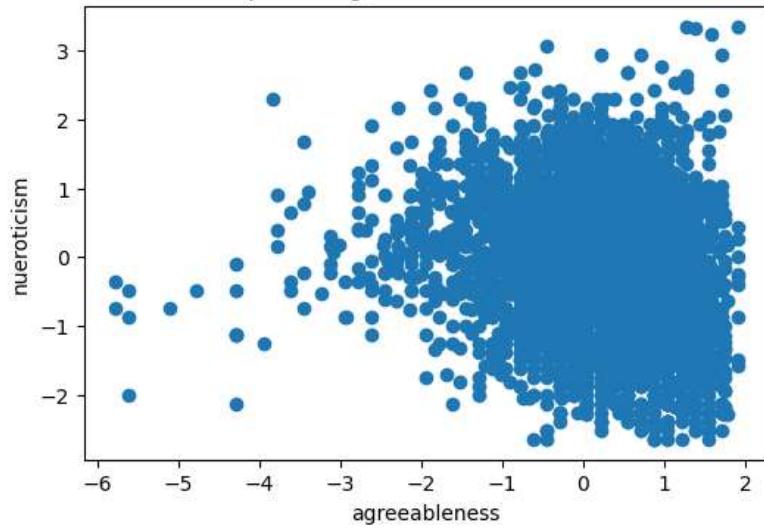
Scatter plot of conscientiousness vs openness_to_experience



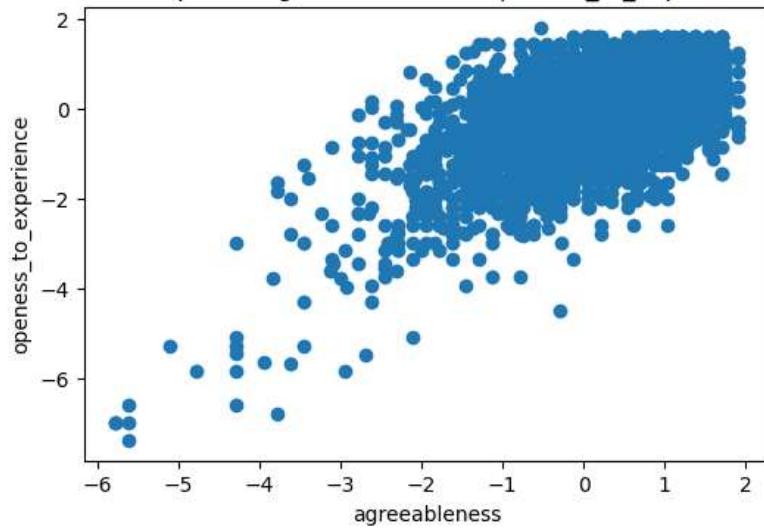
Scatter plot of agreeableness vs extraversion



Scatter plot of agreeableness vs nueroticism

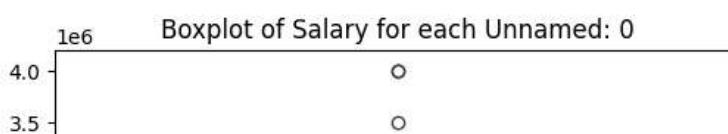
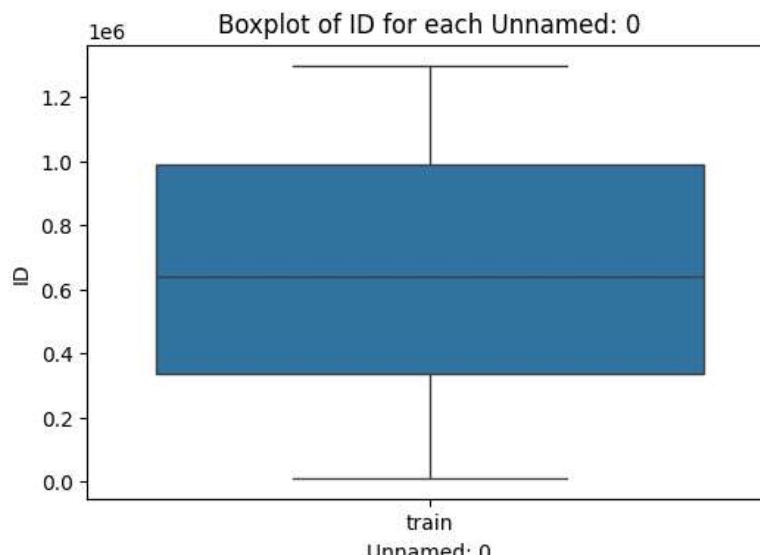
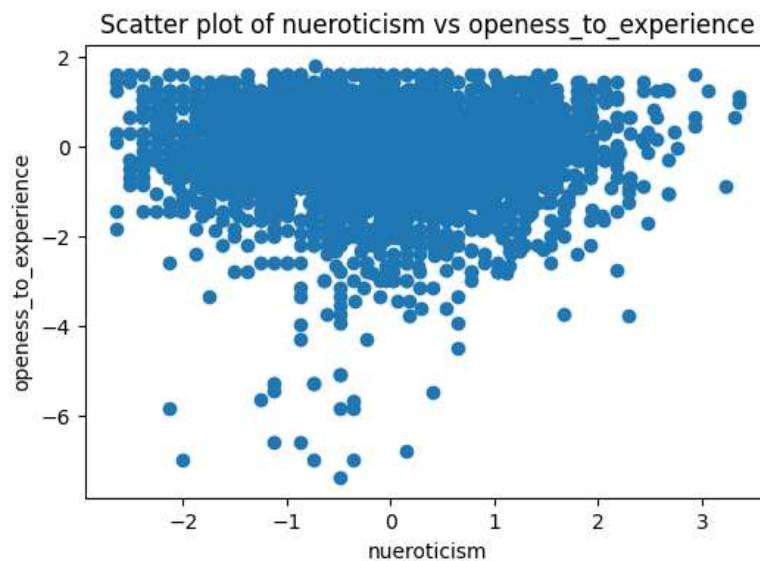
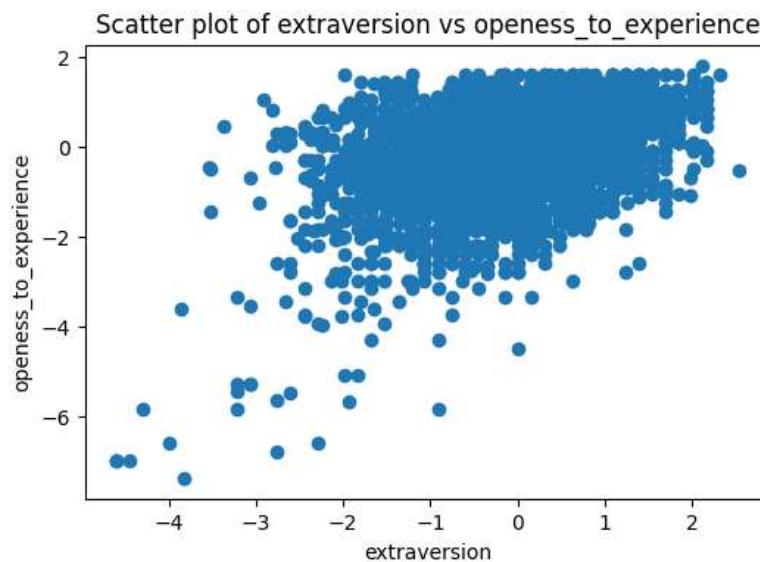
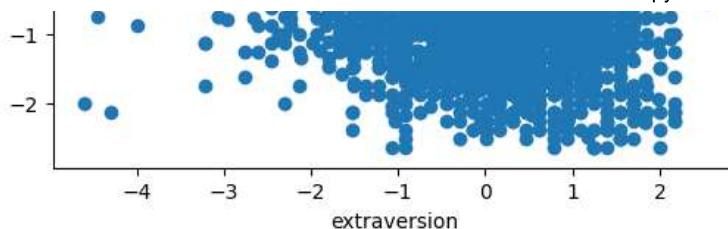


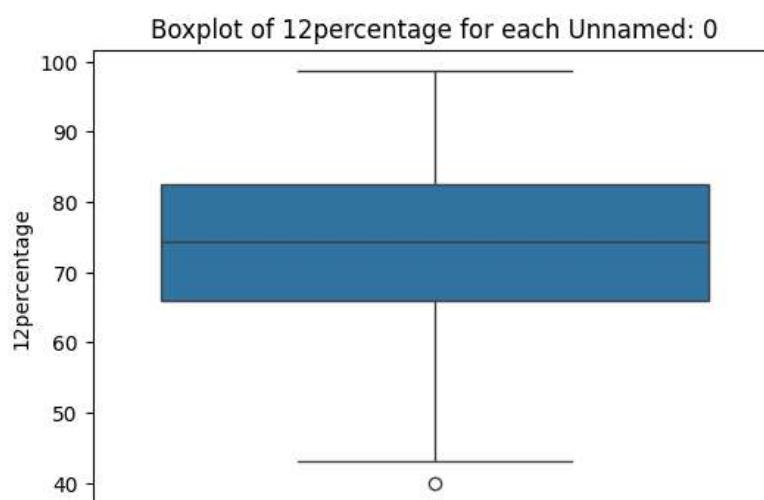
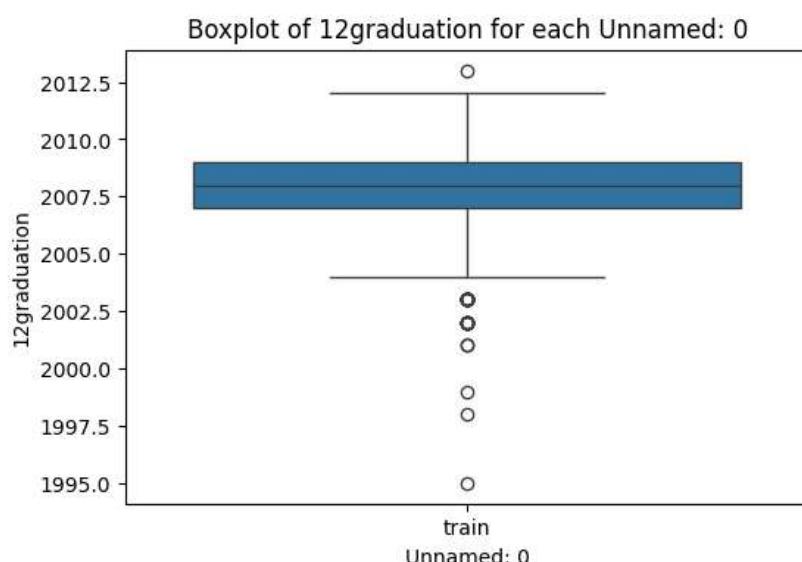
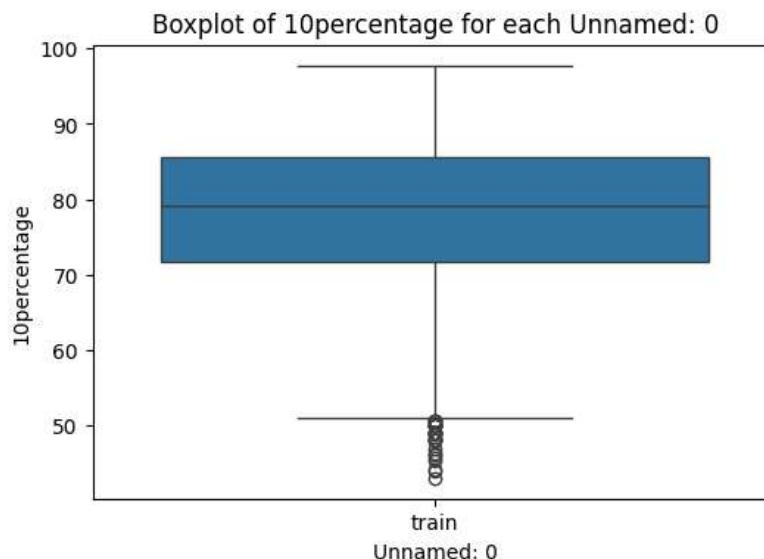
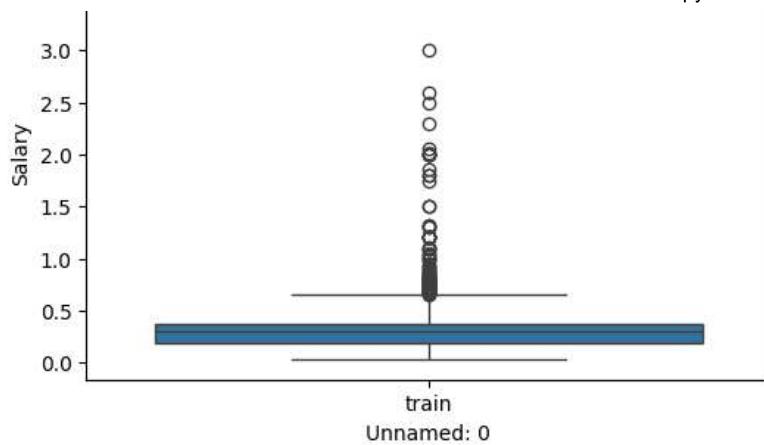
Scatter plot of agreeableness vs openness_to_experience



Scatter plot of extraversion vs nueroticism

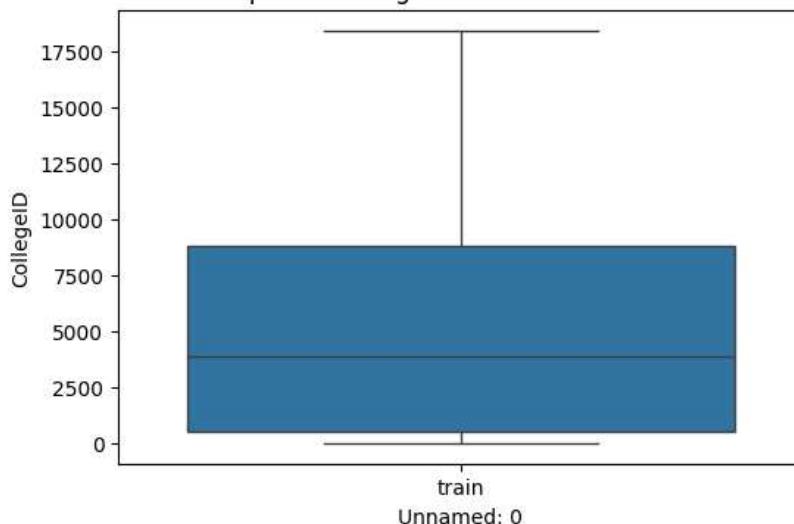






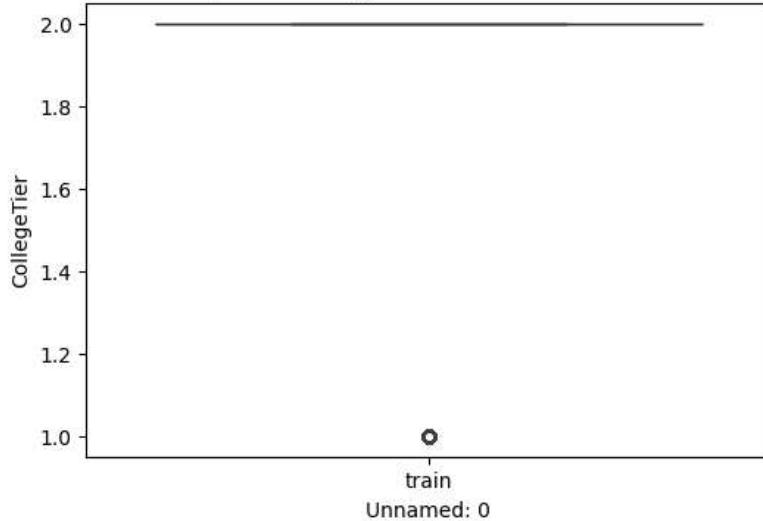
train
Unnamed: 0

Boxplot of CollegeID for each Unnamed: 0



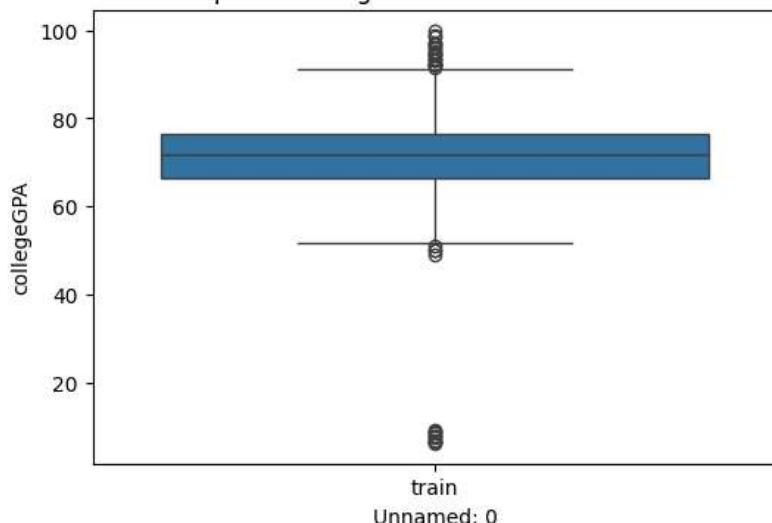
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Boxplot of CollegeTier for each Unnamed: 0



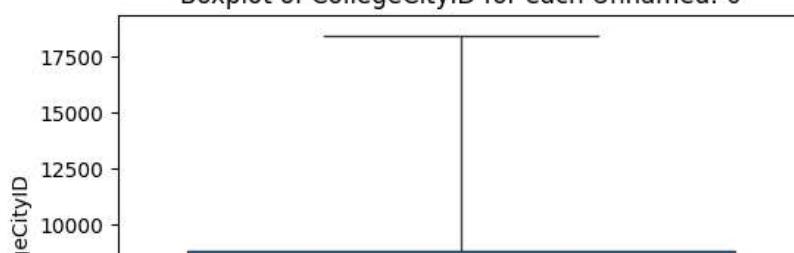
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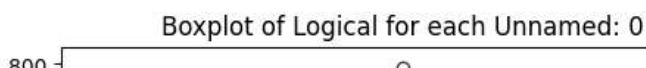
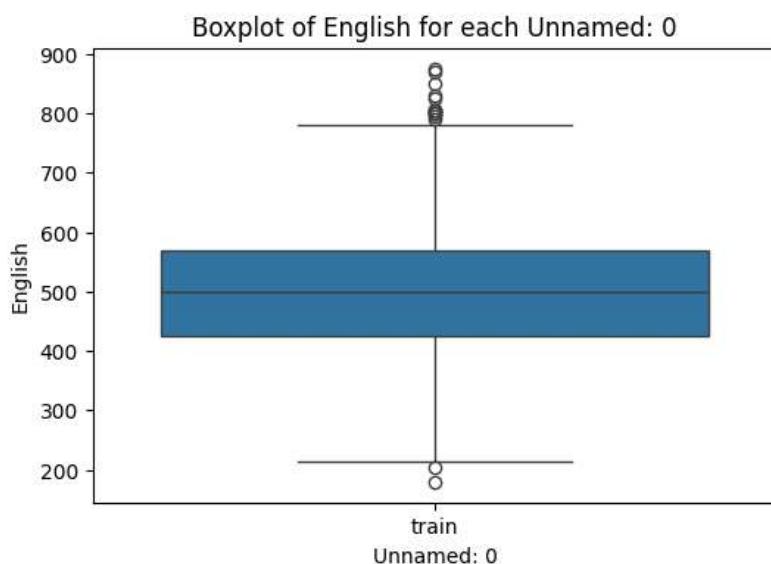
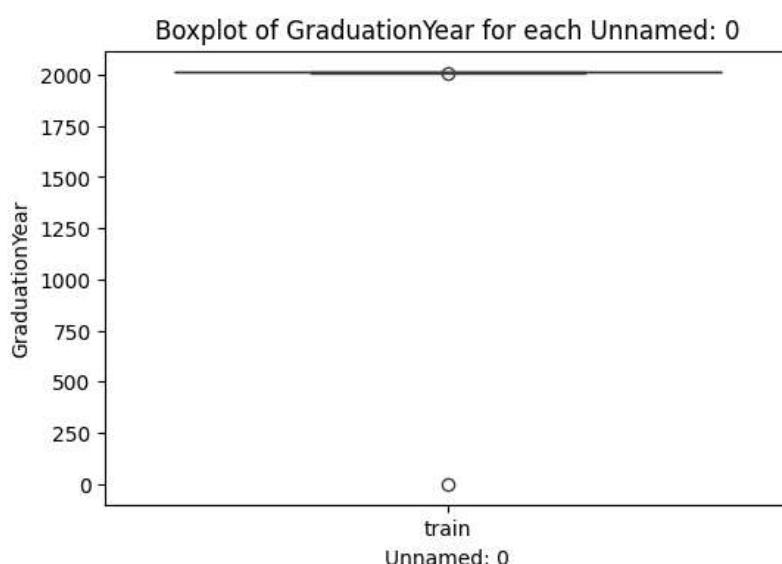
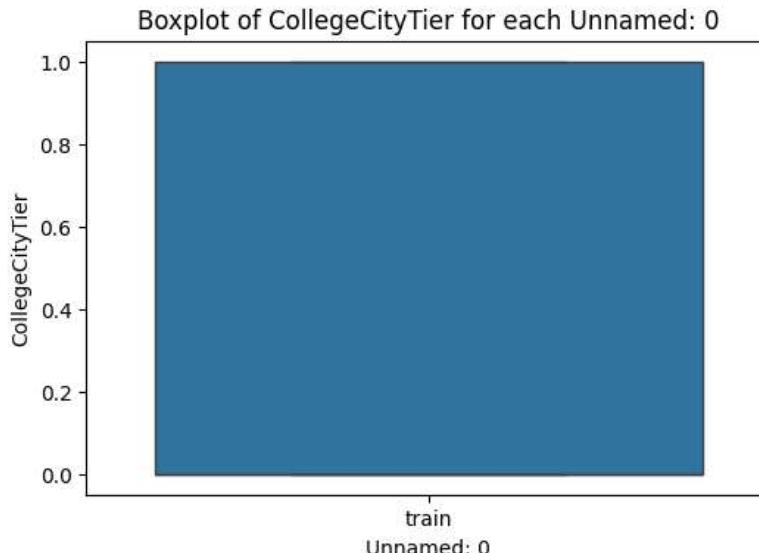
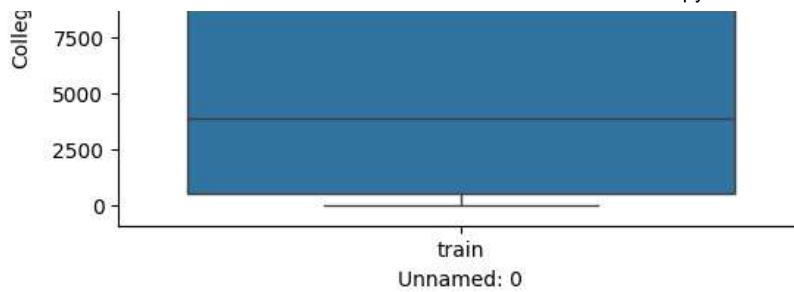
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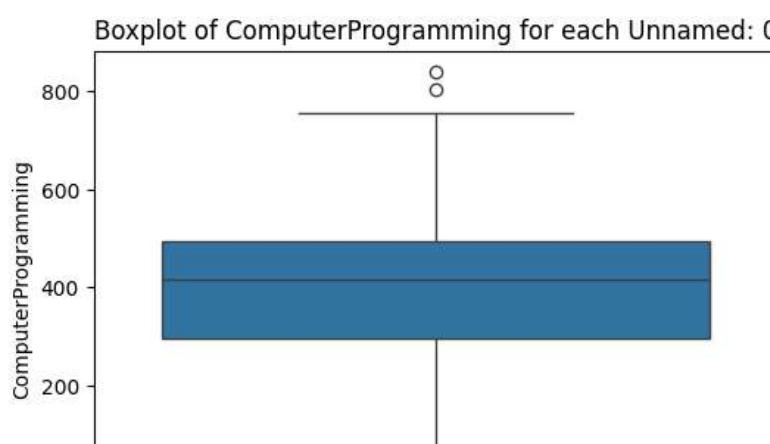
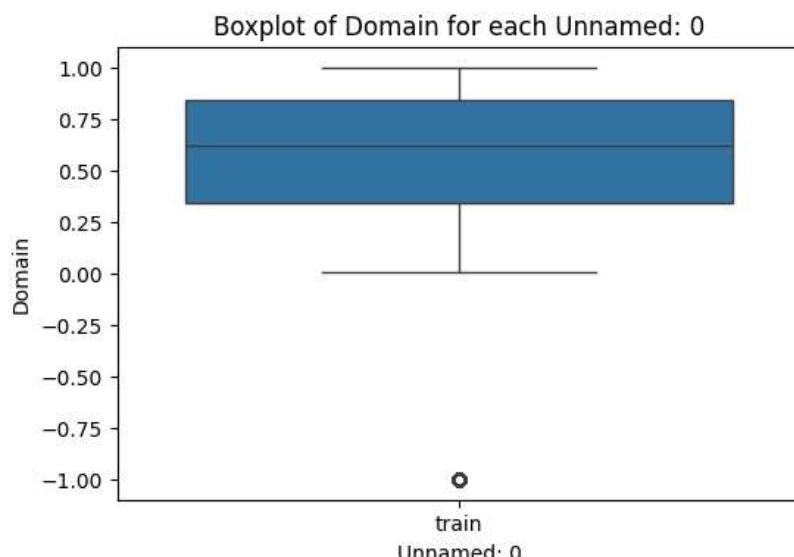
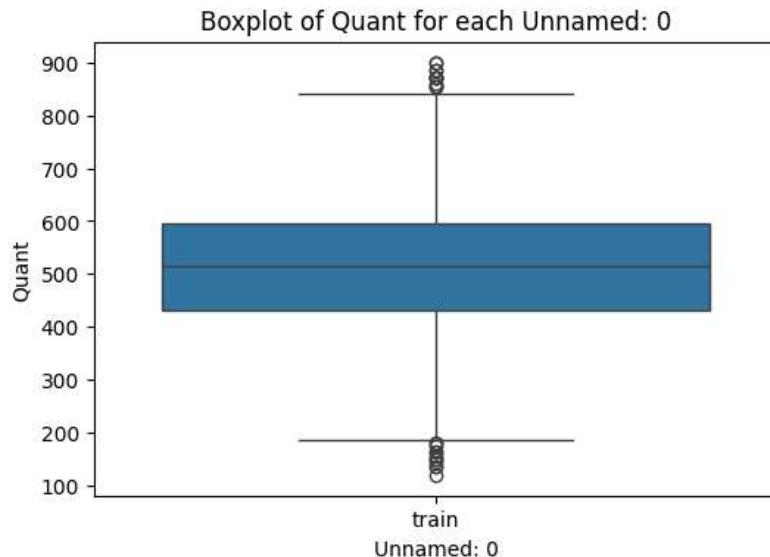
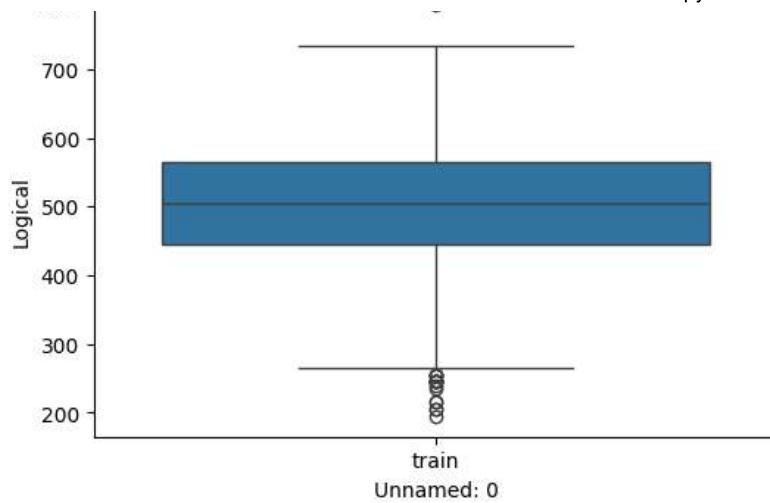


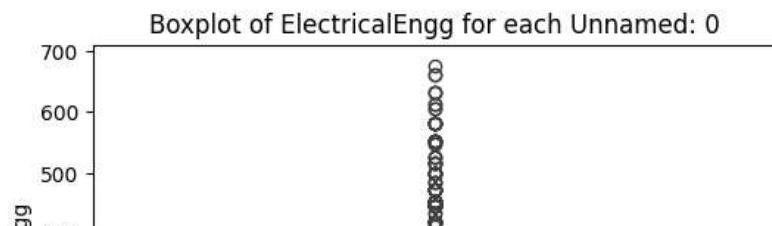
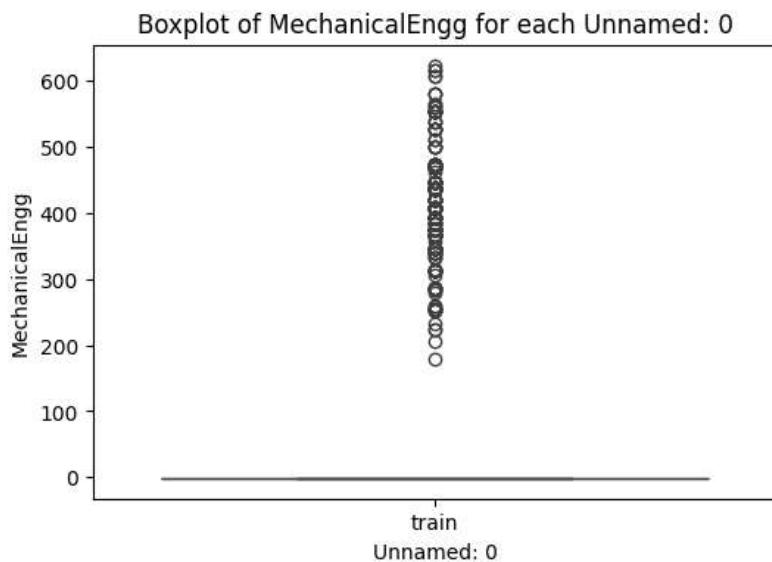
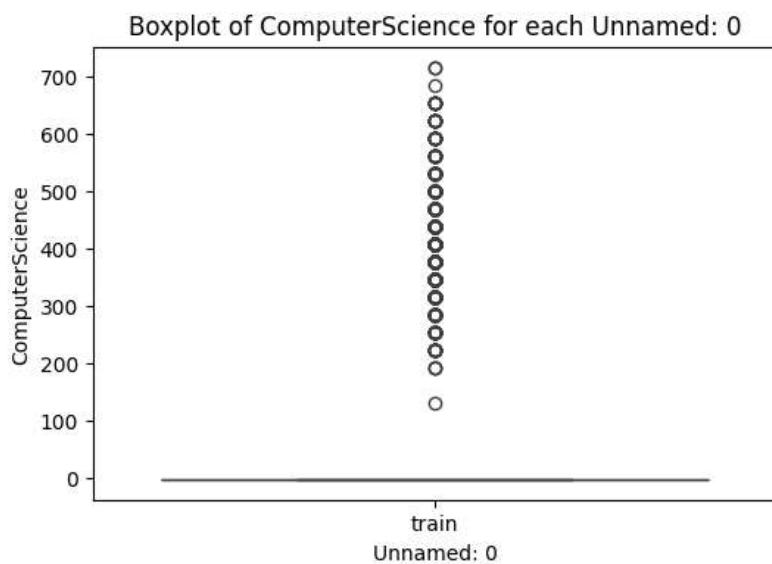
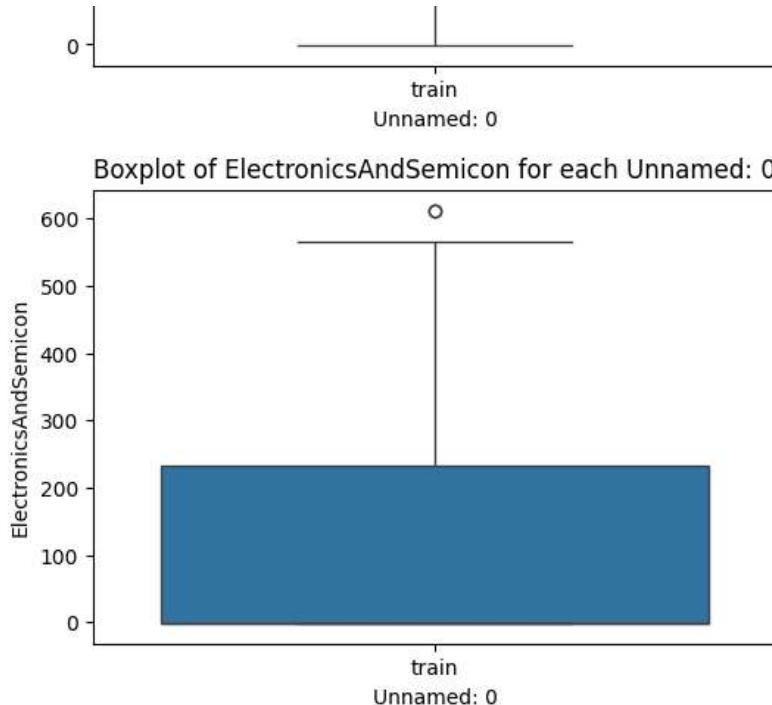
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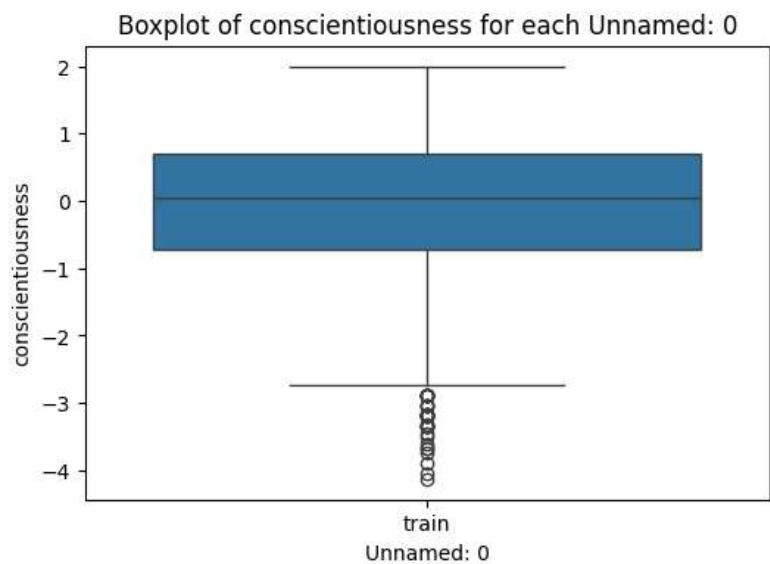
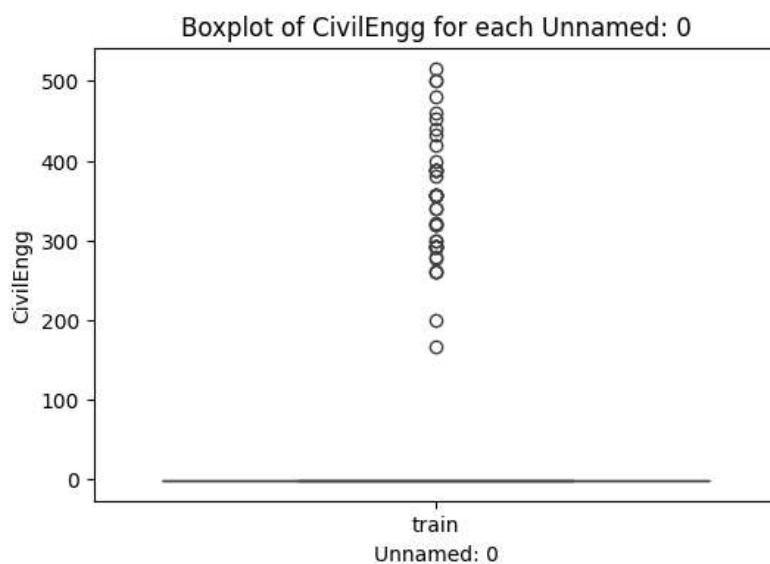
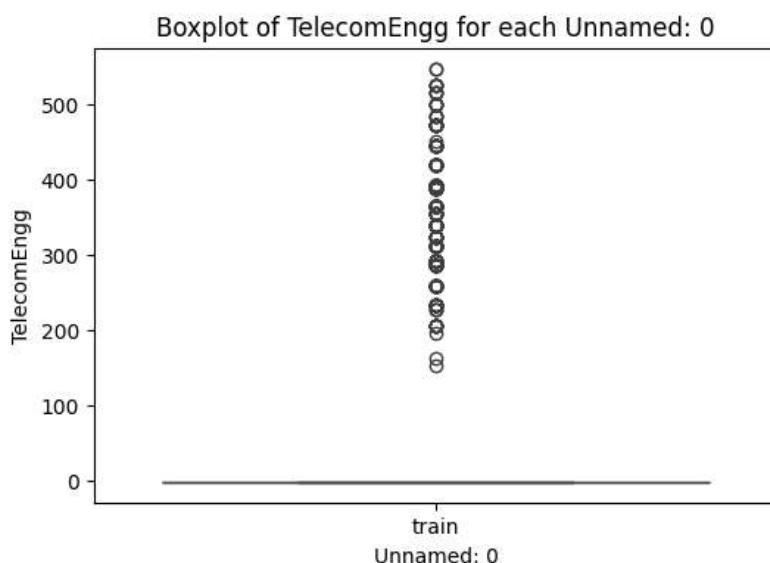
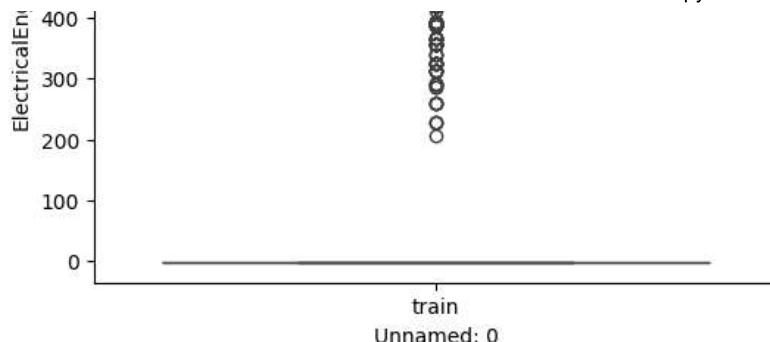
Boxplot of CollegeCityID for each Unnamed: 0



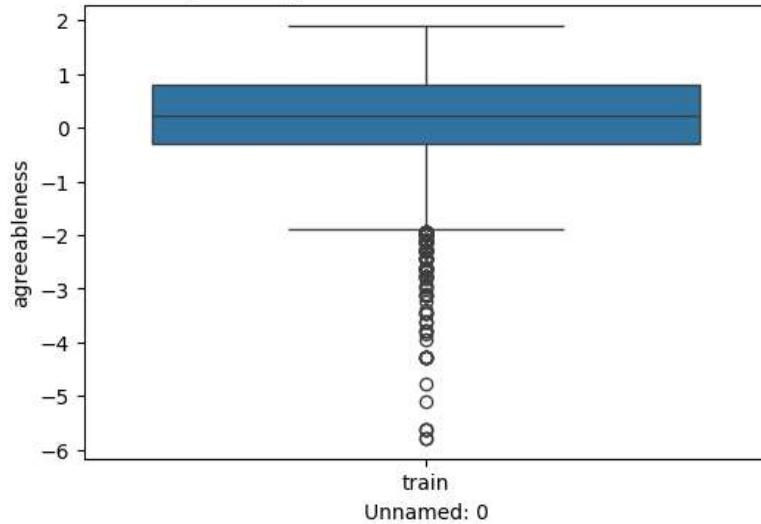




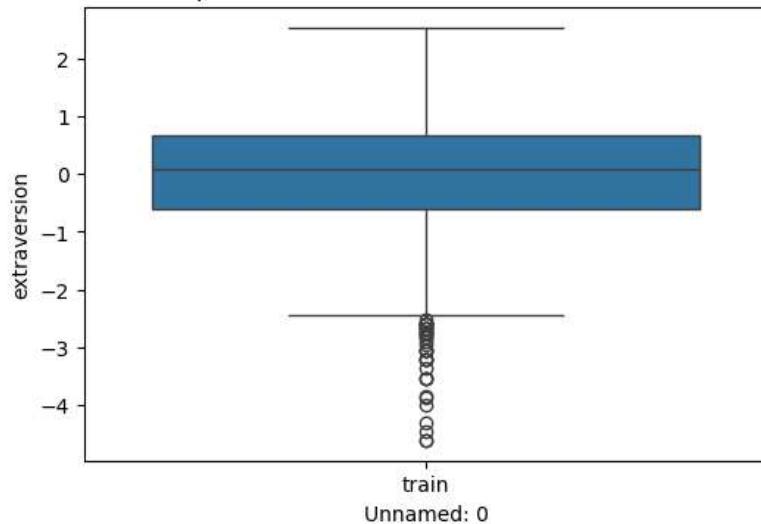




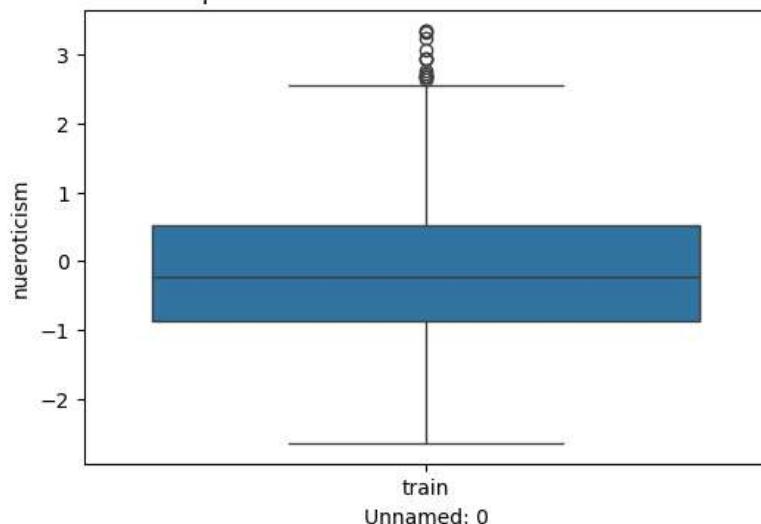
Boxplot of agreeableness for each Unnamed: 0



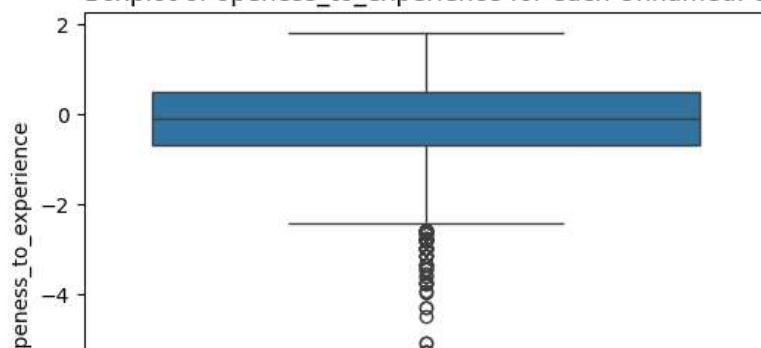
Boxplot of extraversion for each Unnamed: 0

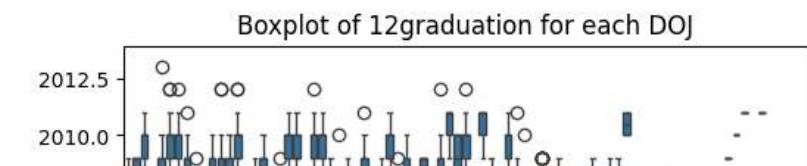
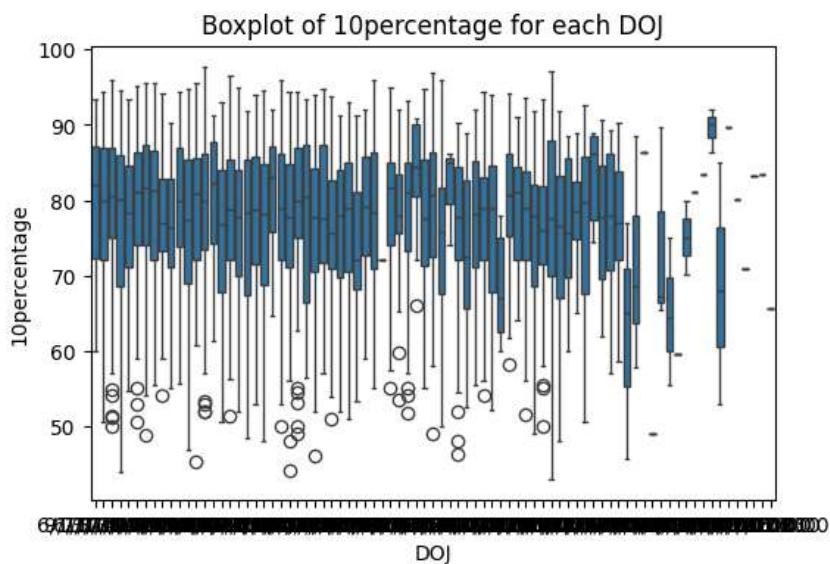
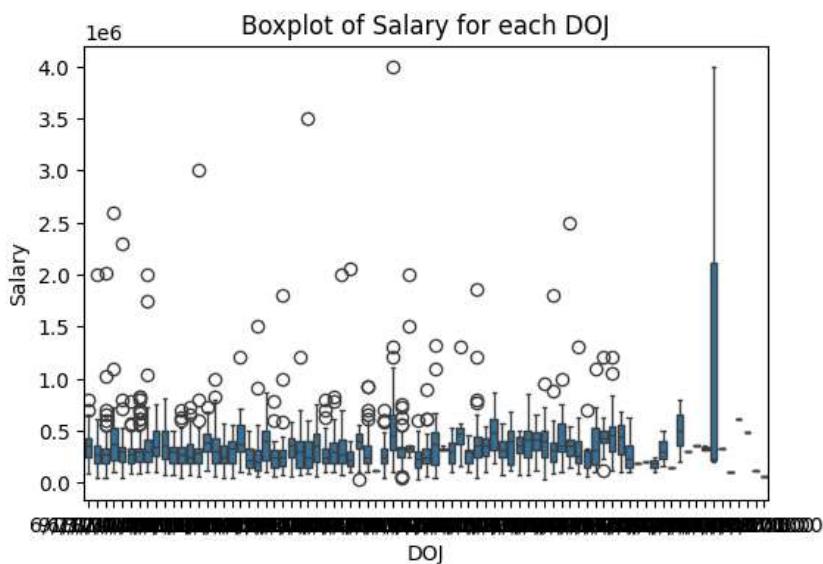
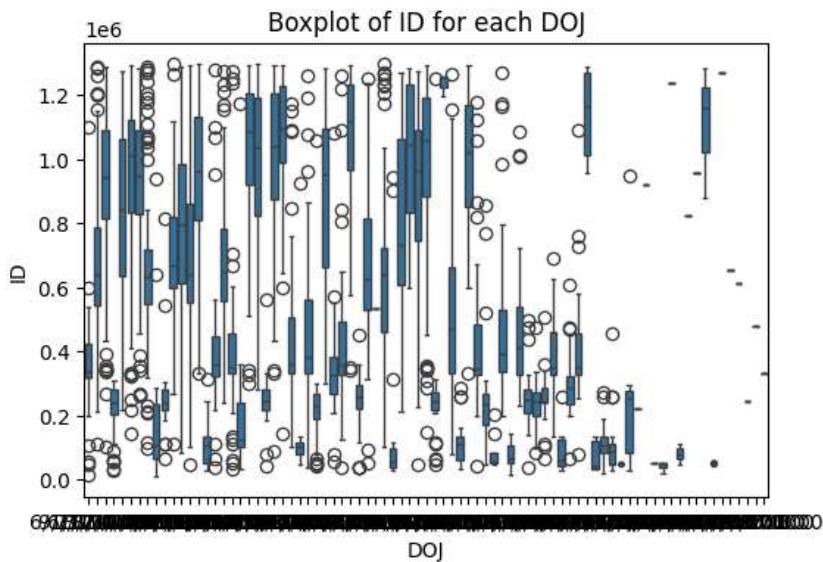
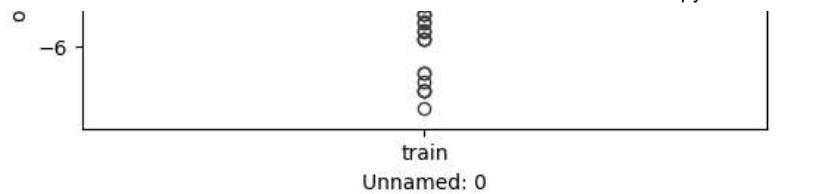


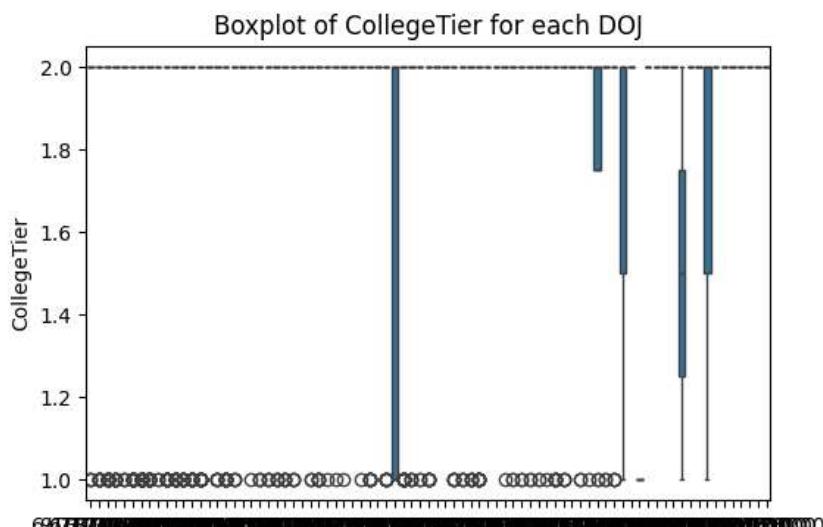
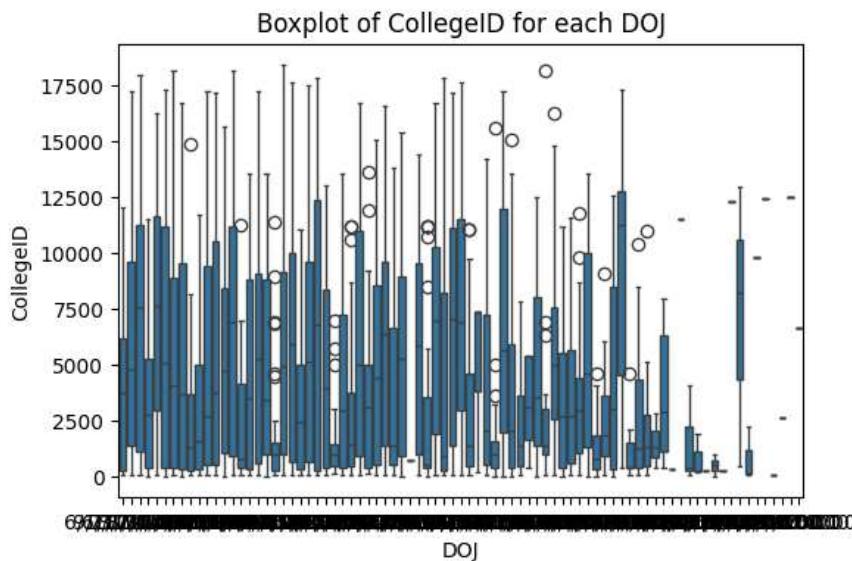
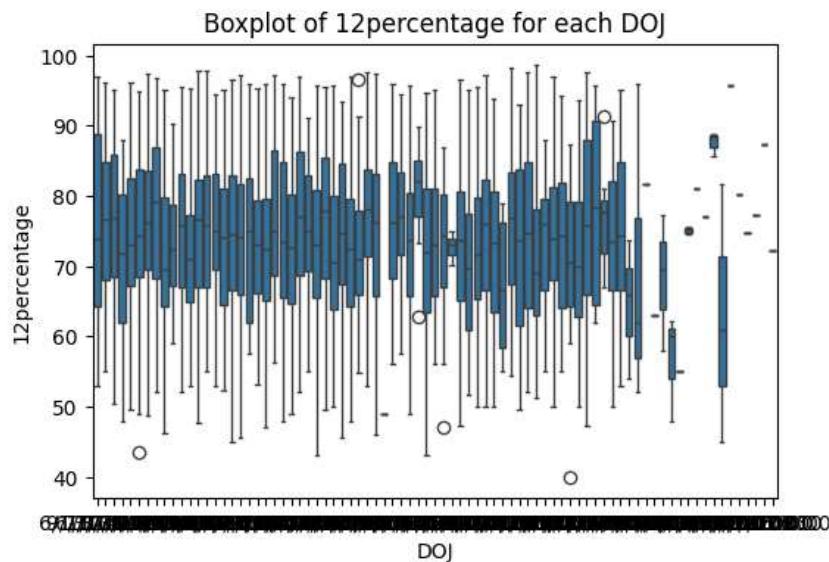
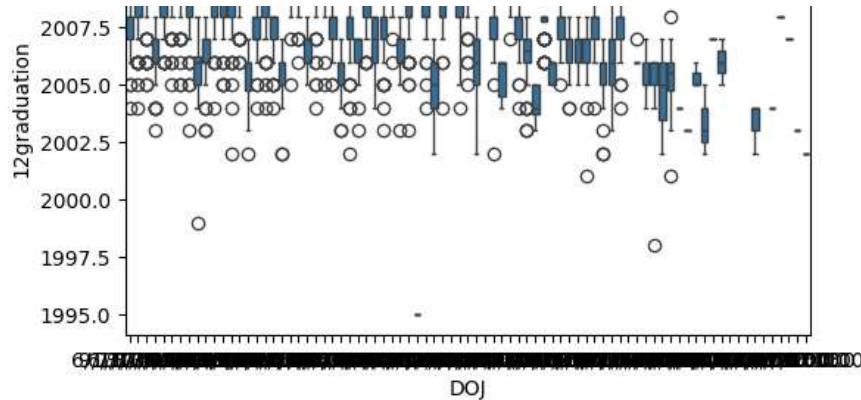
Boxplot of nueroticism for each Unnamed: 0



Boxplot of openness_to_experience for each Unnamed: 0

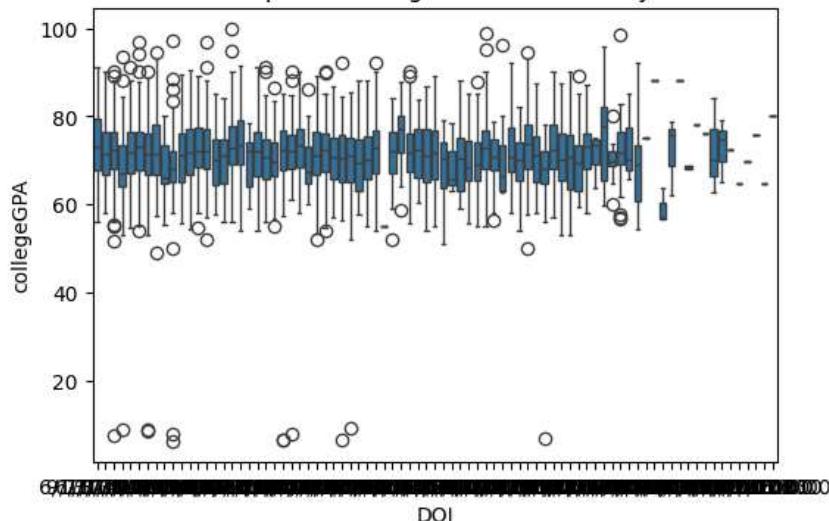




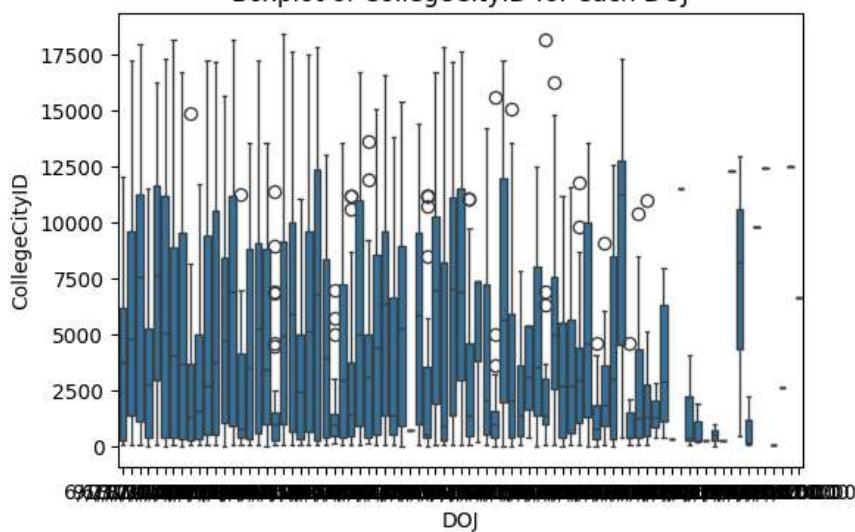


DOJ

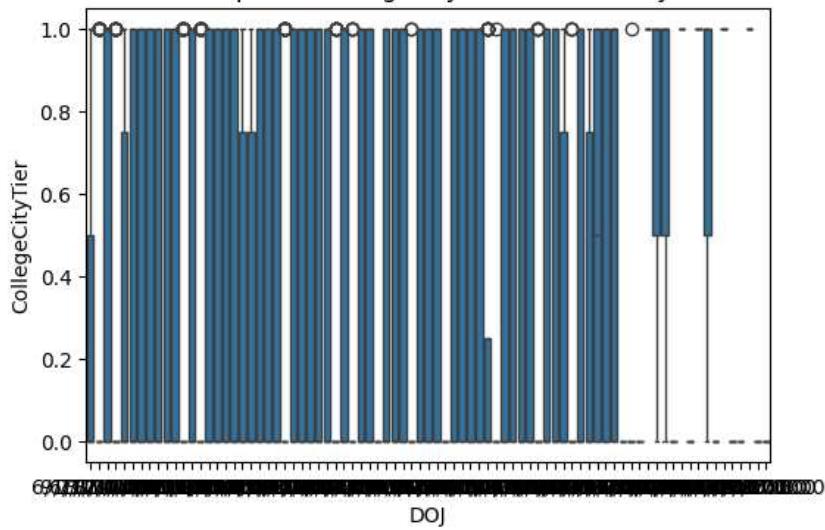
Boxplot of collegeGPA for each DOJ



Boxplot of CollegeCityID for each DOJ

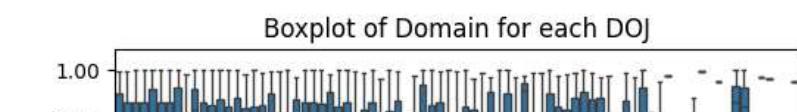
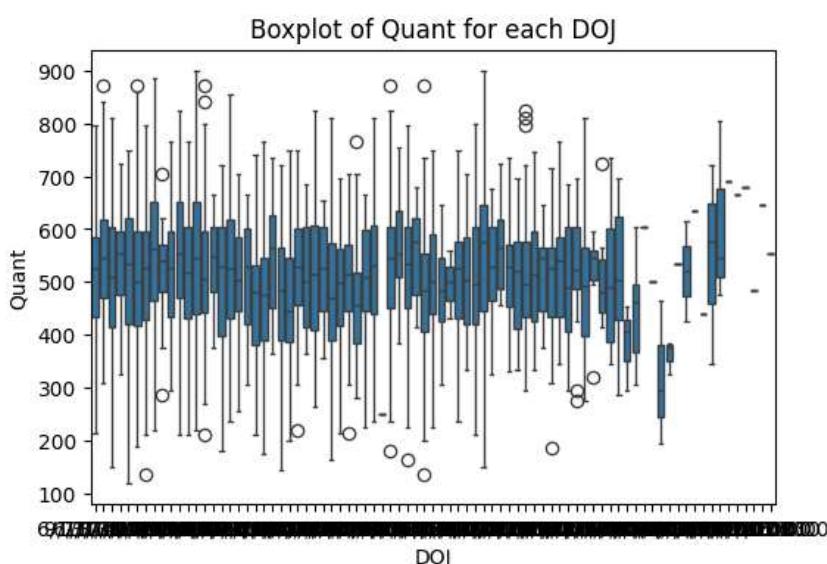
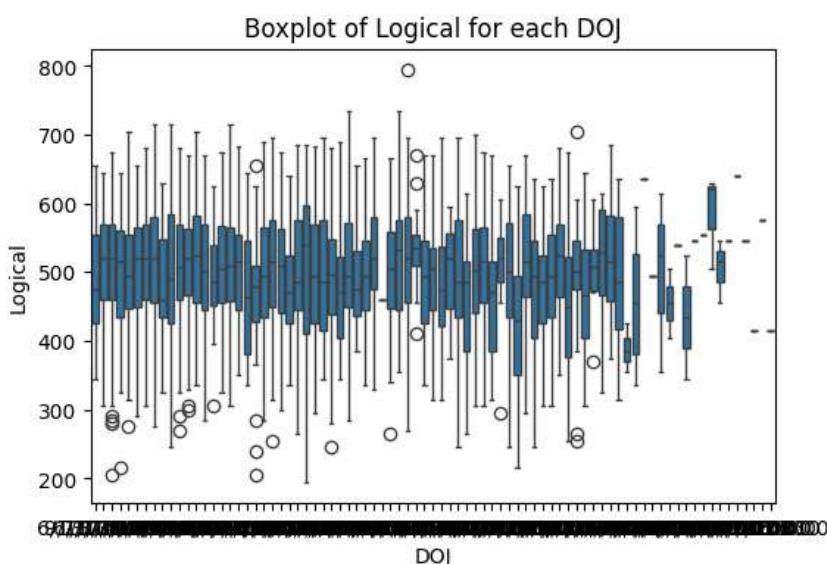
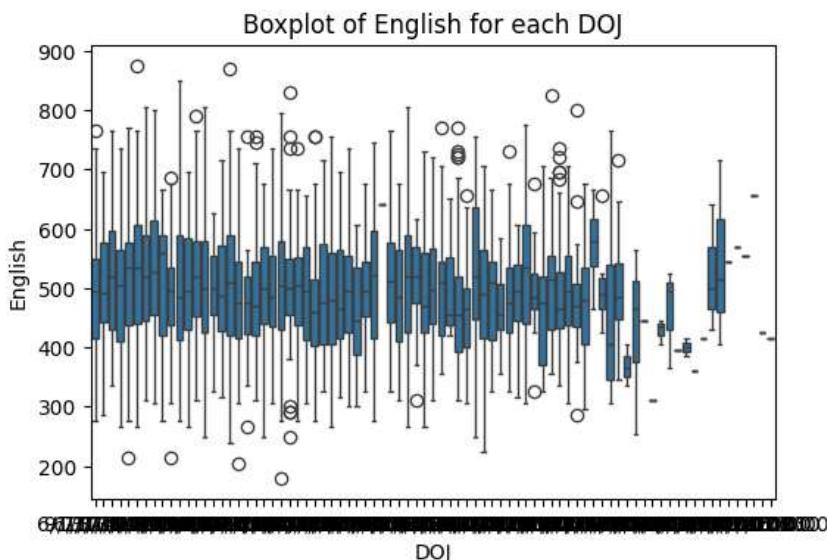
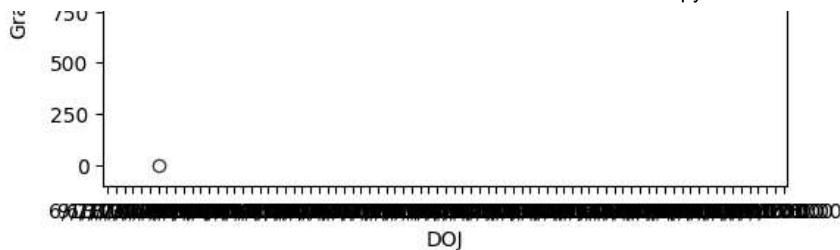


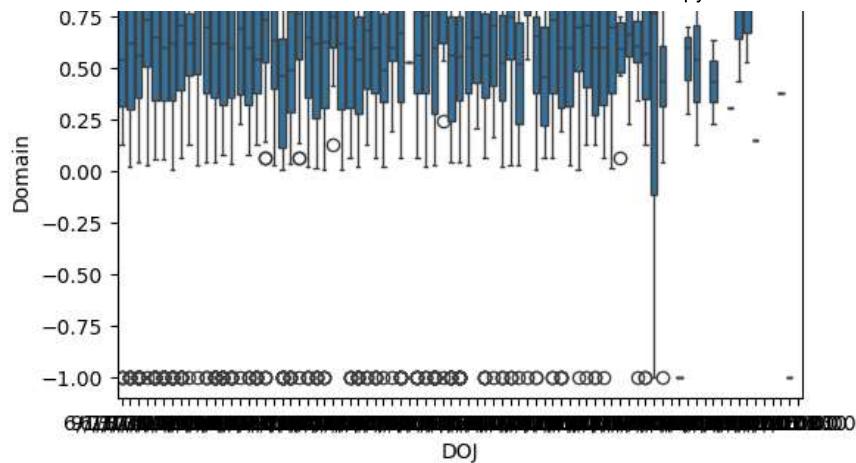
Boxplot of CollegeCityTier for each DOJ



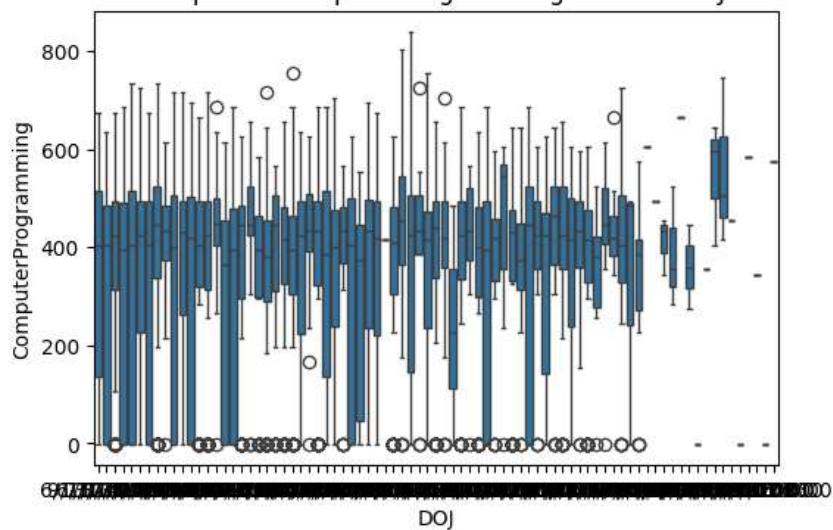
Boxplot of GraduationYear for each DOJ



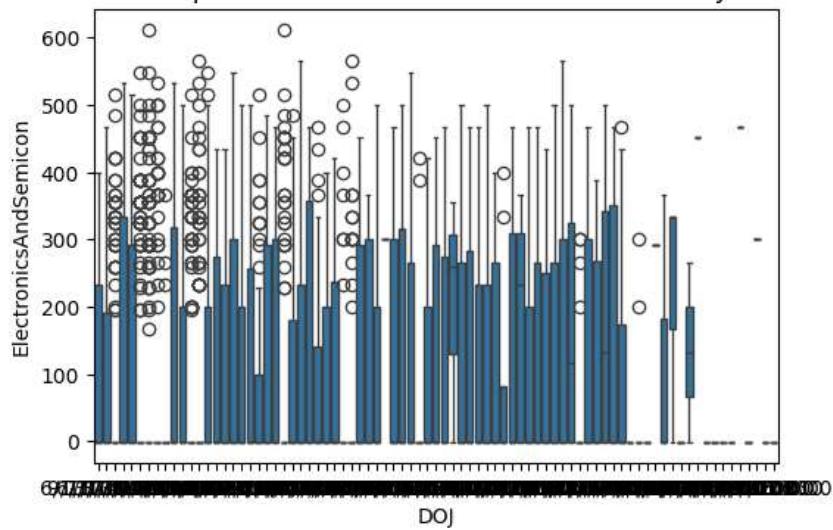




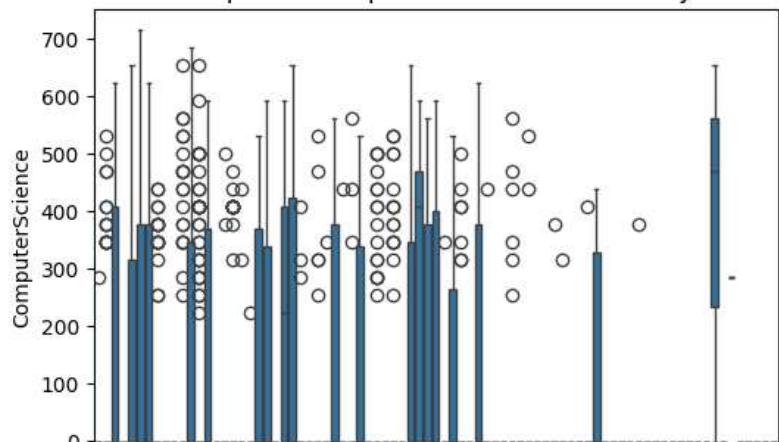
Boxplot of ComputerProgramming for each DOJ

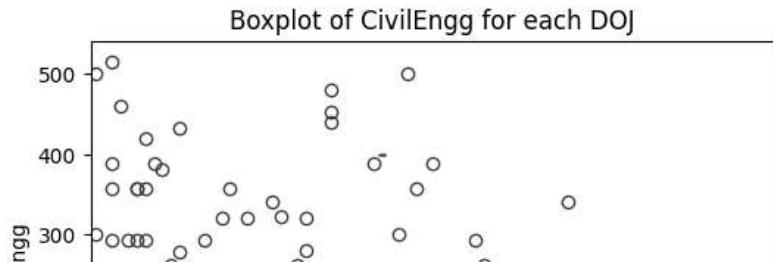
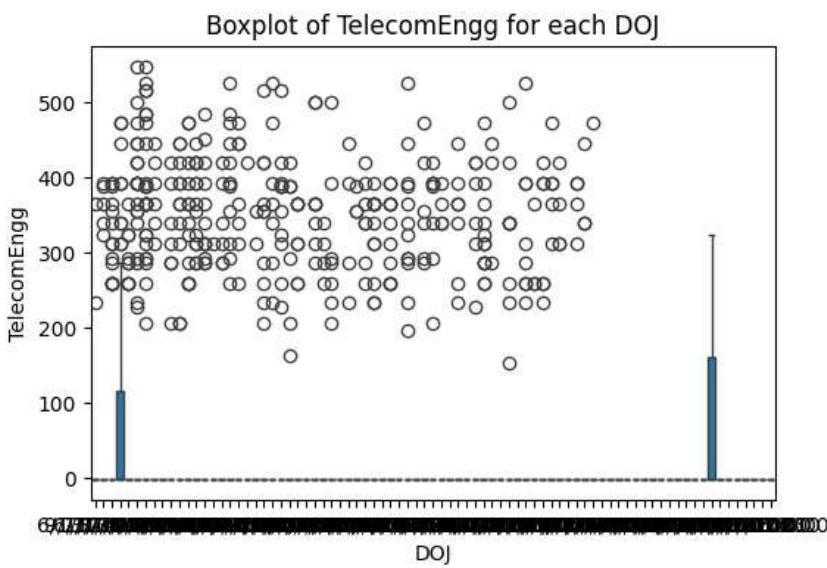
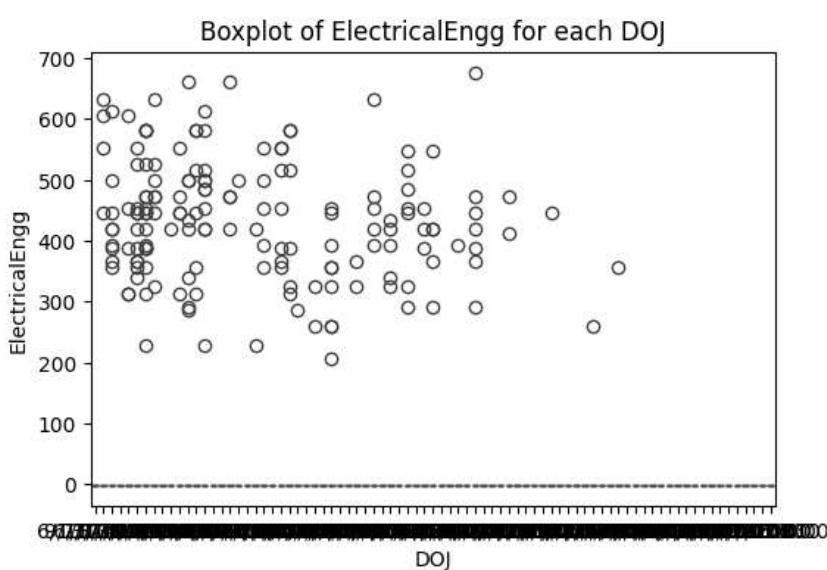
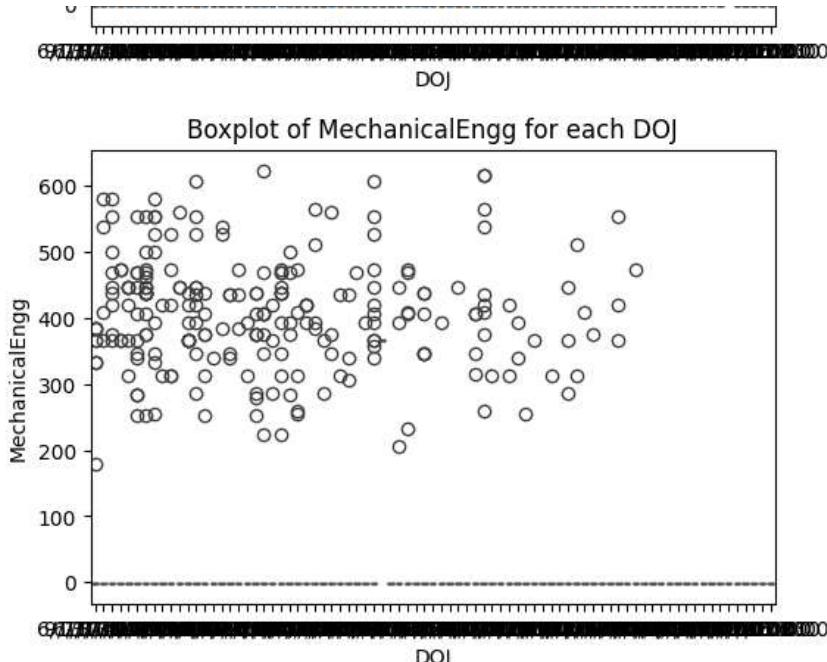


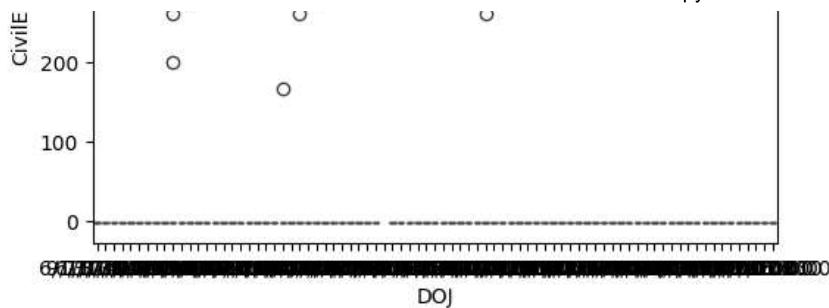
Boxplot of ElectronicsAndSemicon for each DOJ



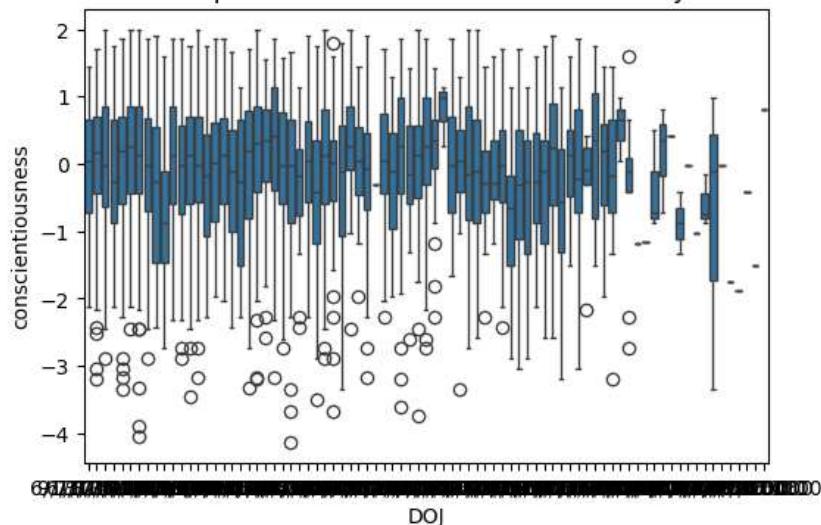
Boxplot of ComputerScience for each DOJ



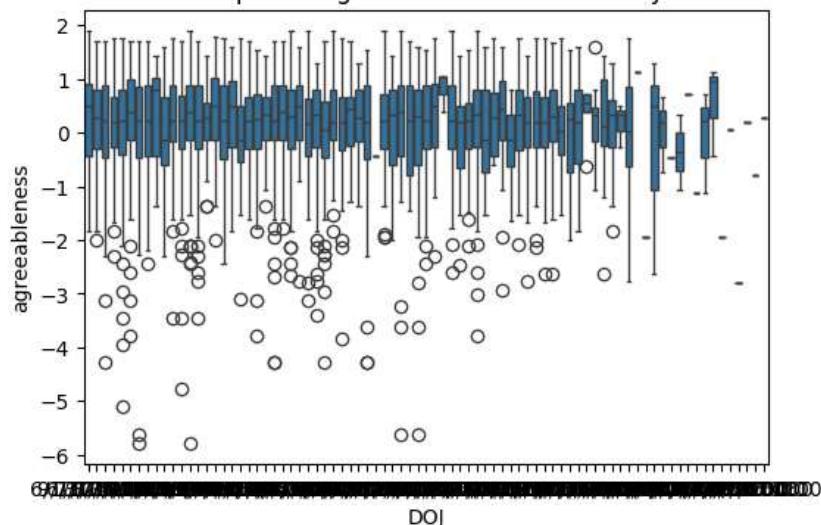




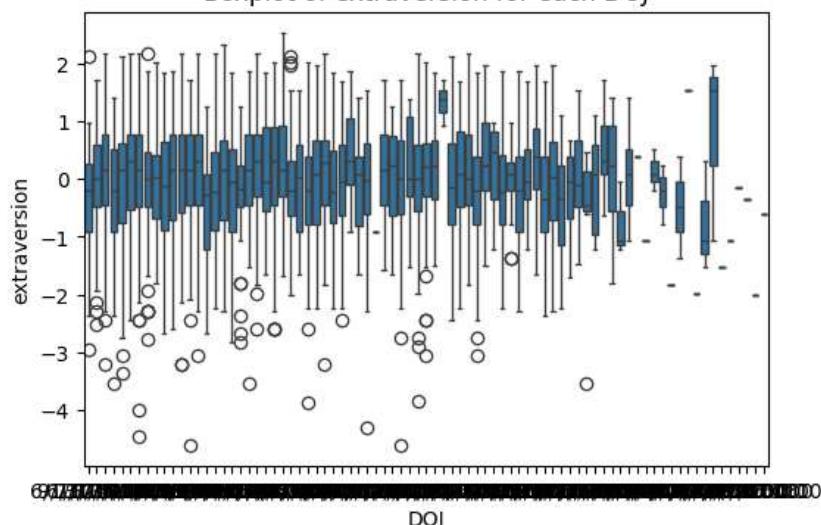
Boxplot of conscientiousness for each DOJ



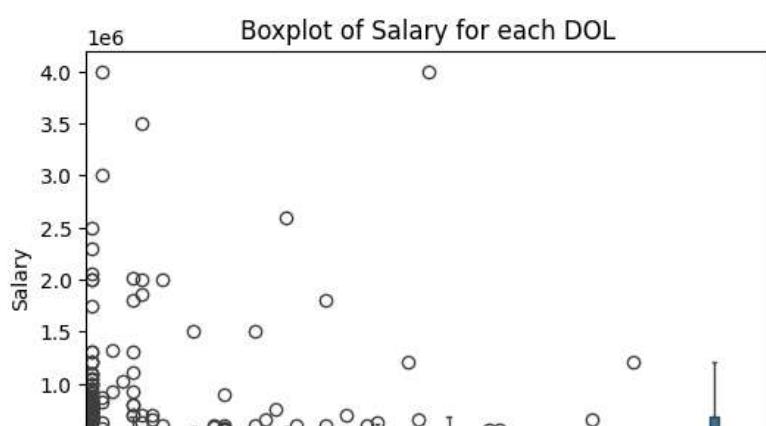
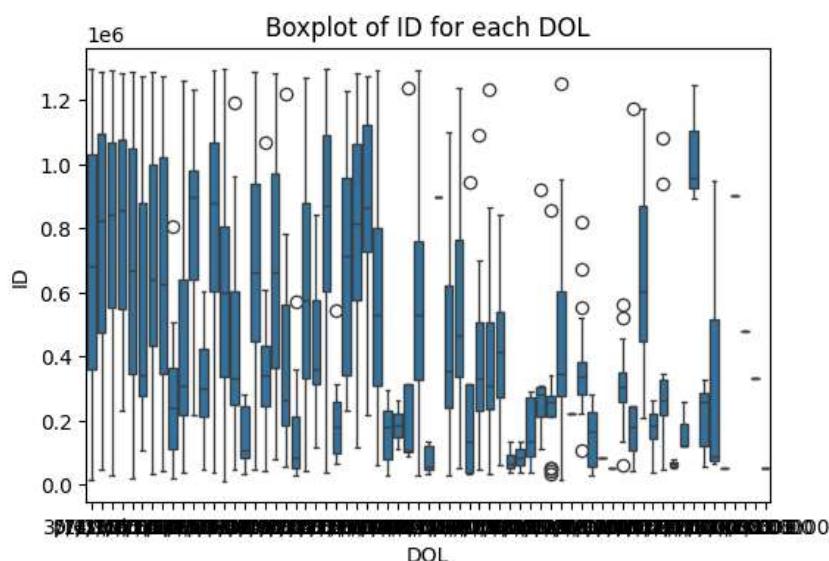
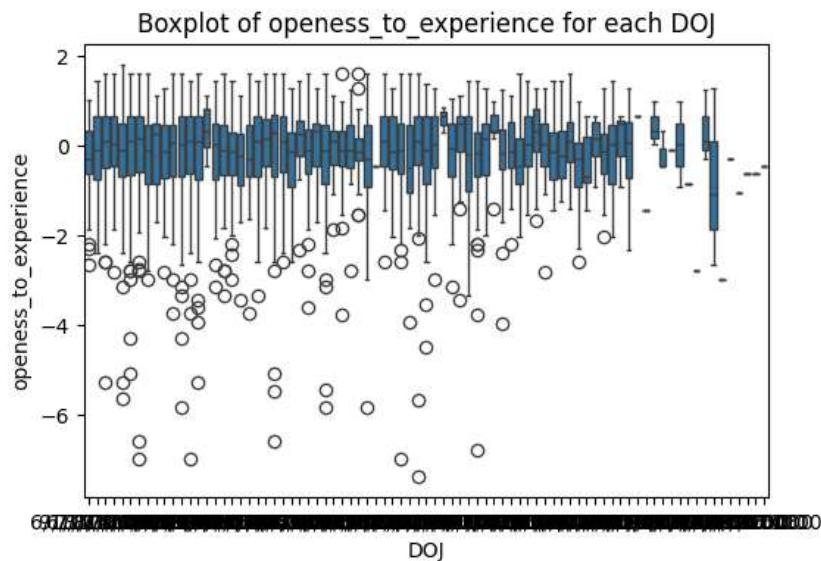
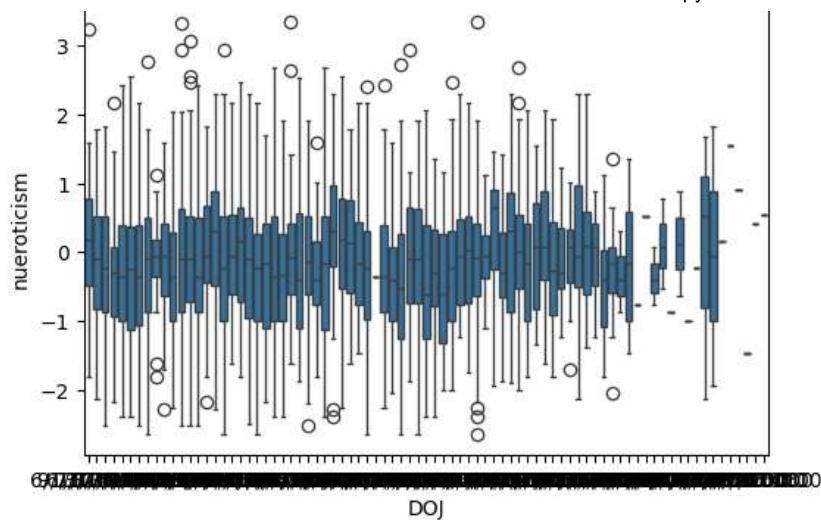
Boxplot of agreeableness for each DOJ

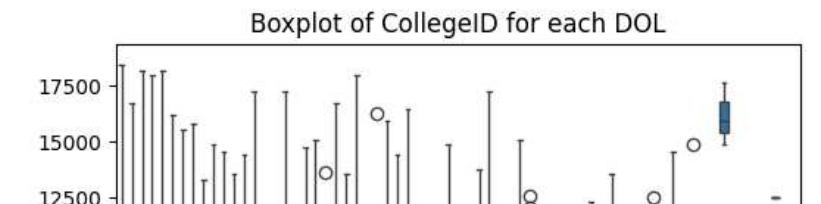
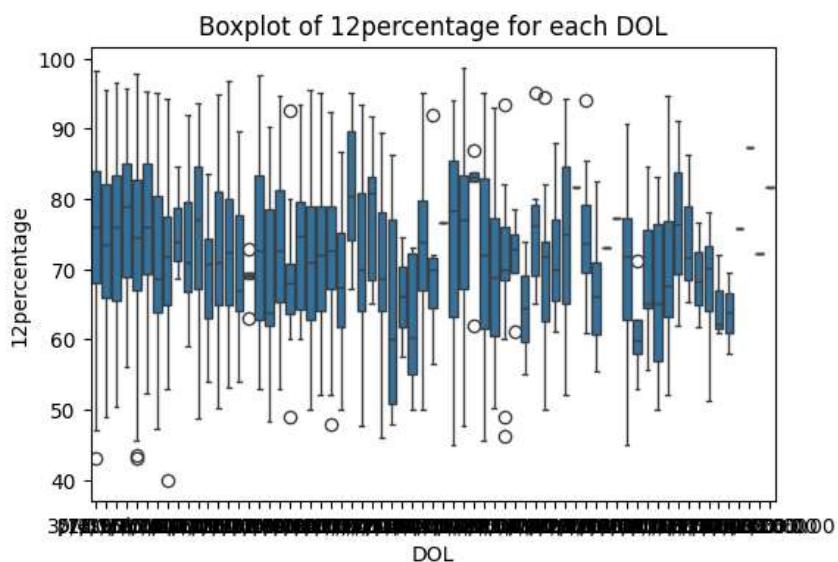
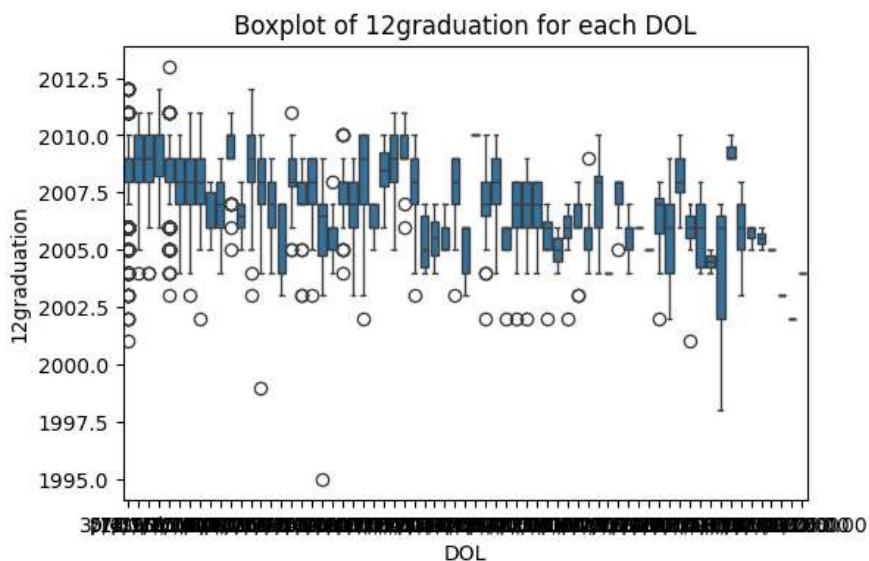
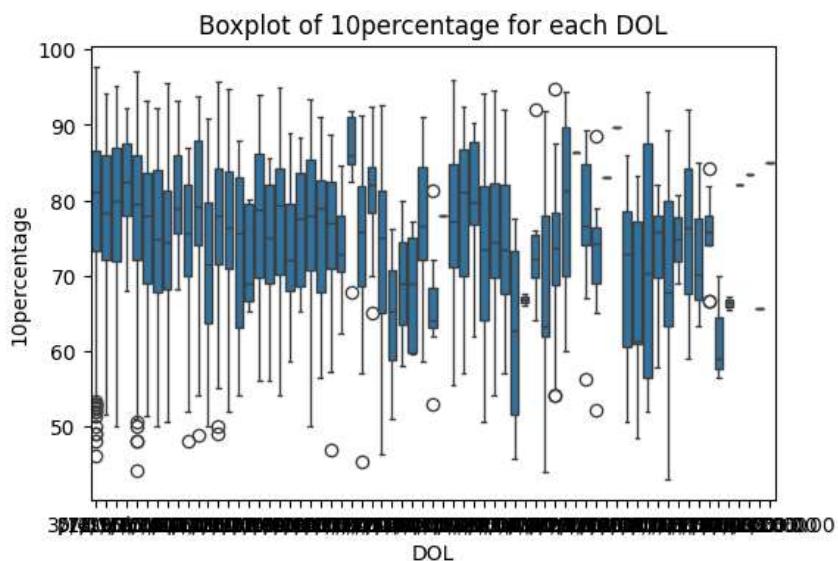
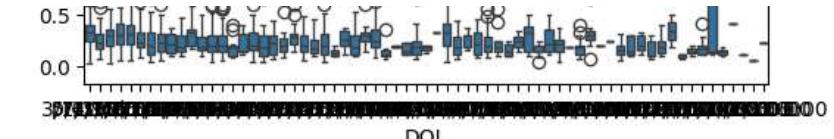


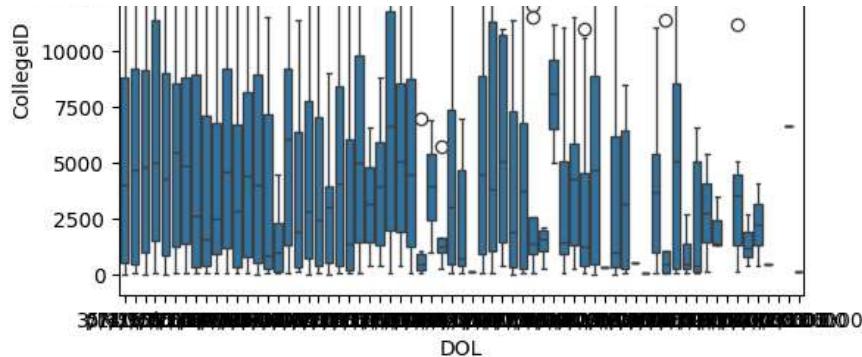
Boxplot of extraversion for each DOJ

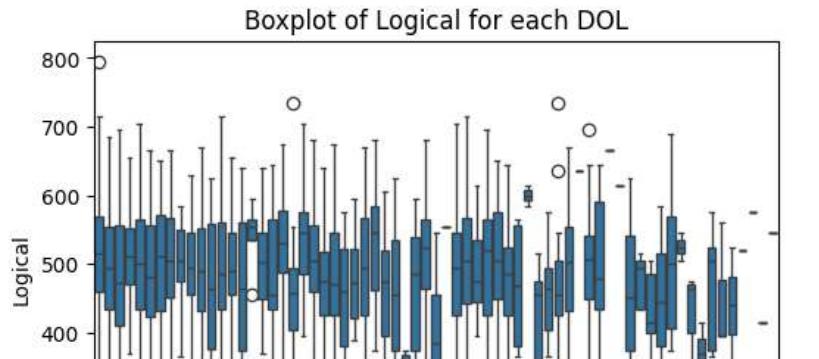
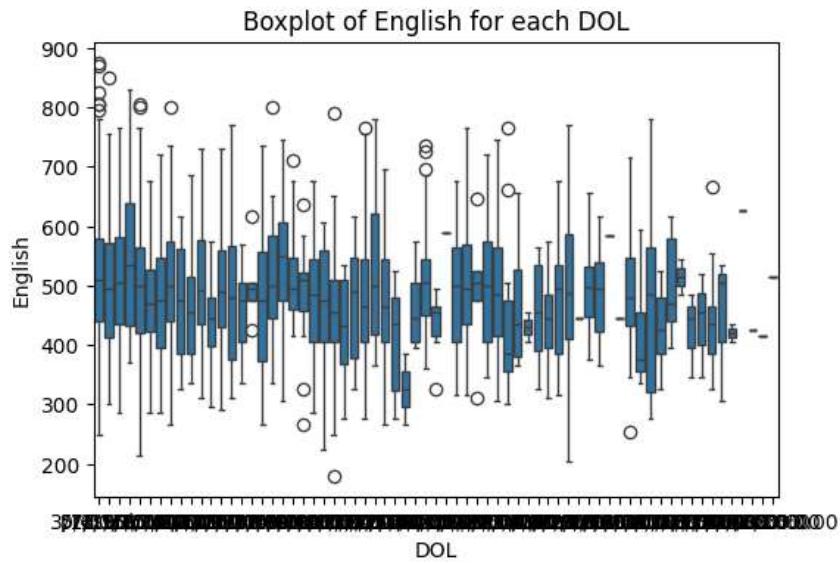
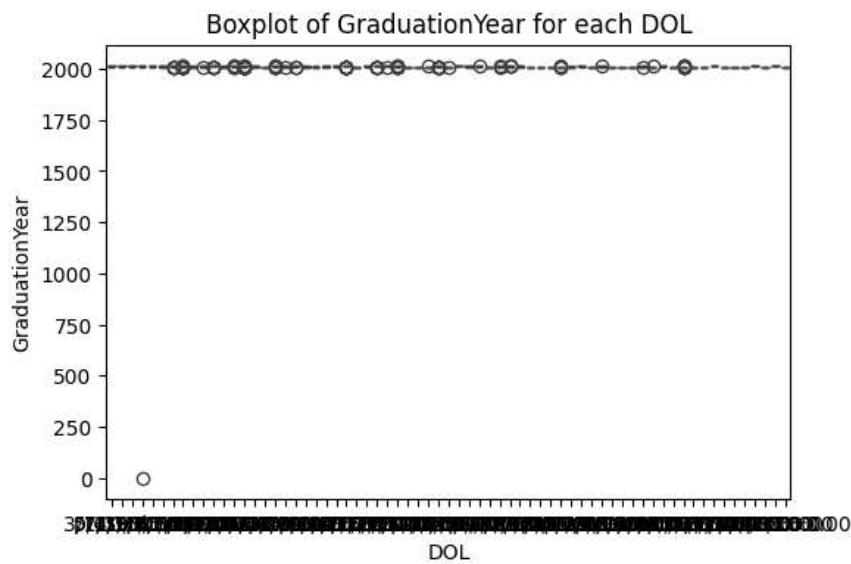
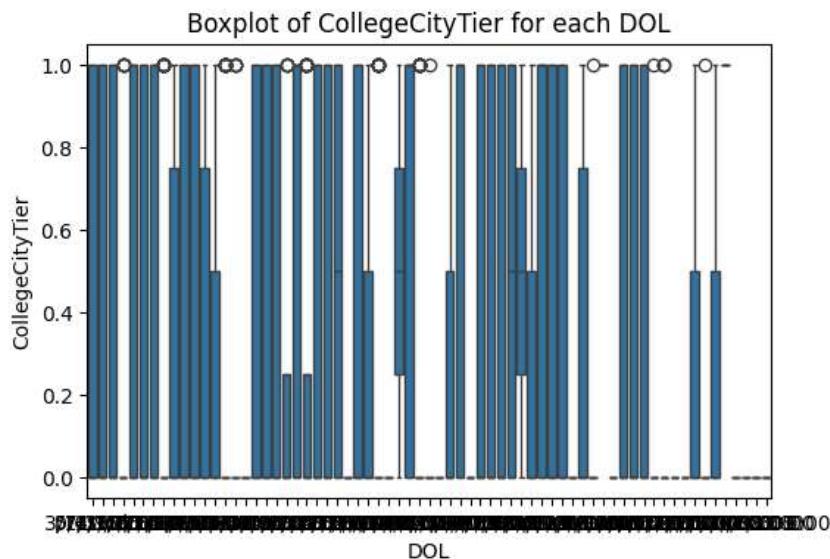


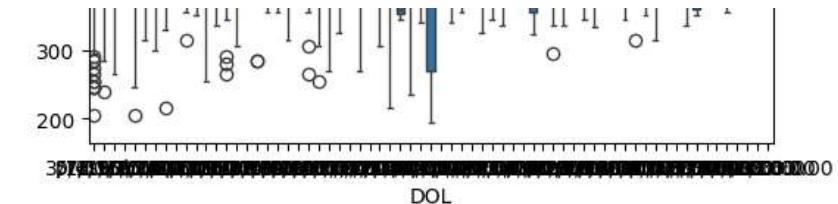
Boxplot of nueroticism for each DOJ



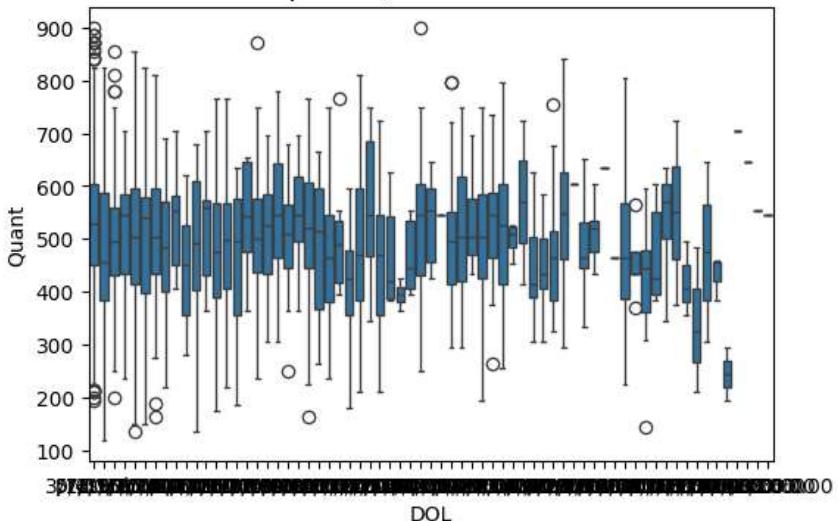




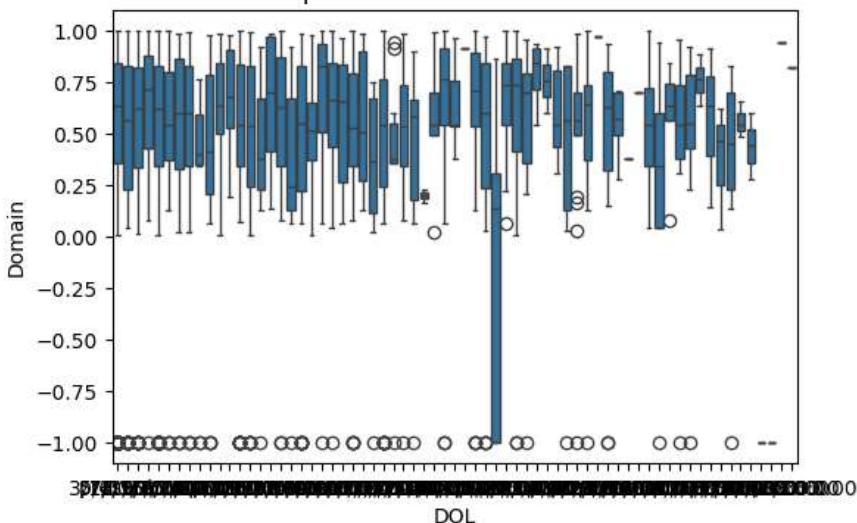




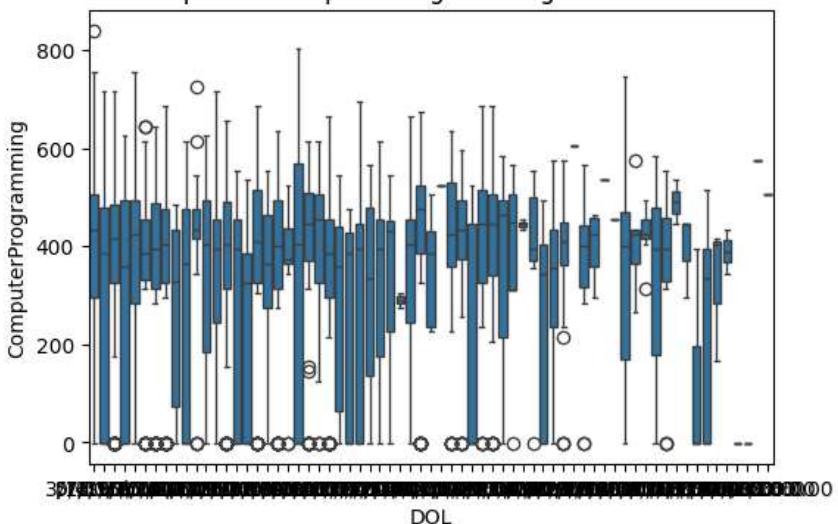
Boxplot of Quant for each DOL



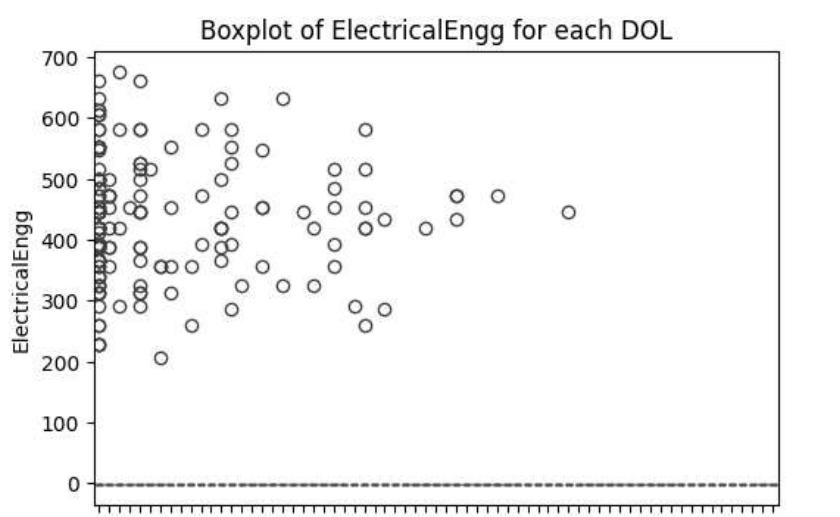
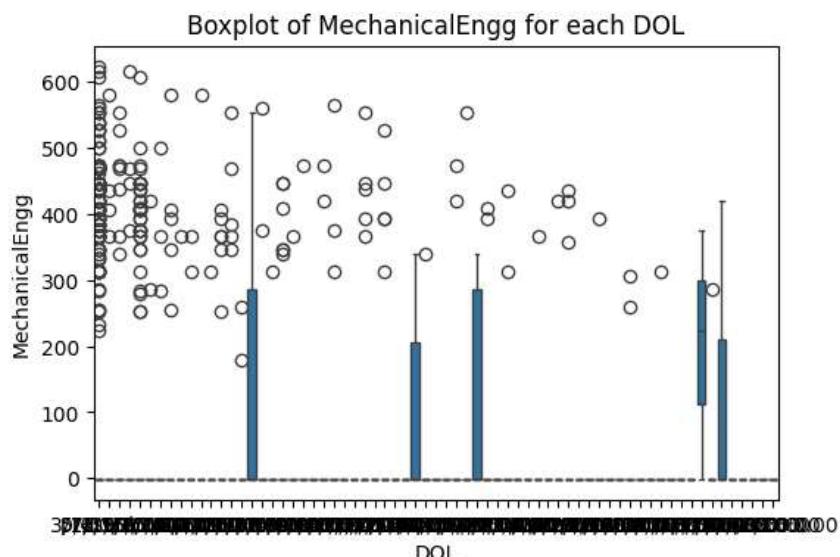
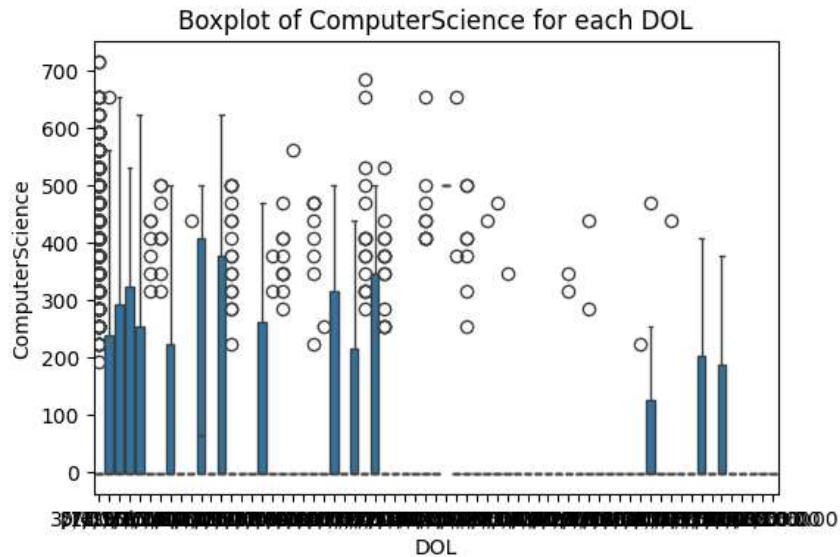
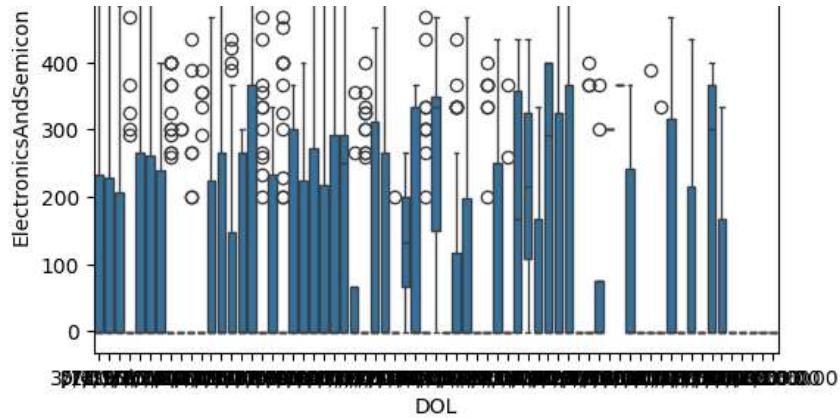
Boxplot of Domain for each DOL

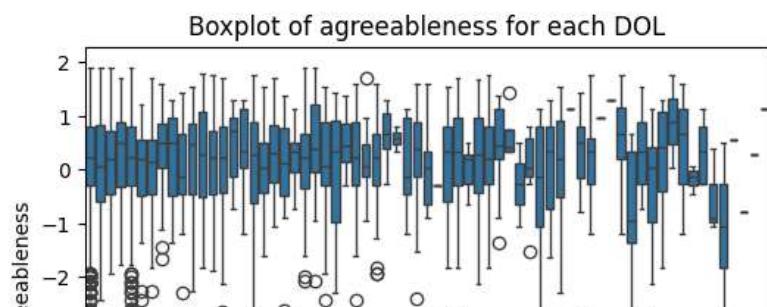
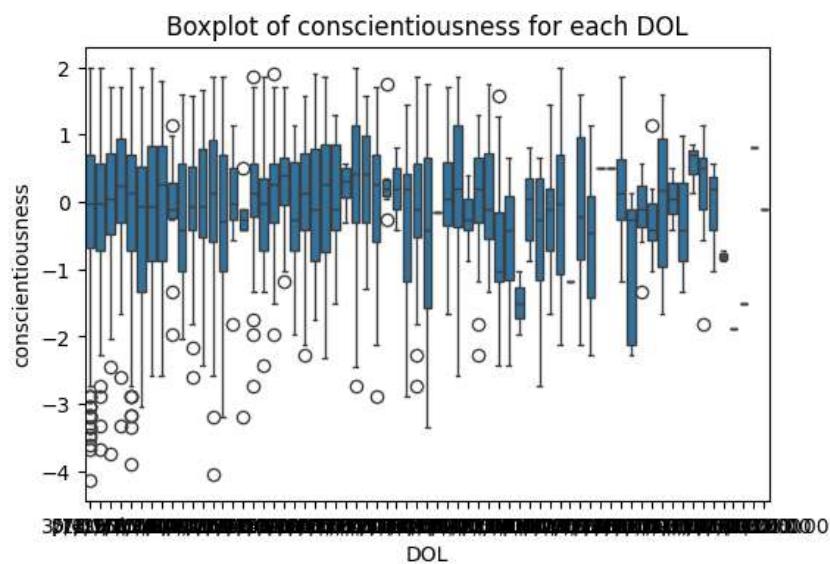
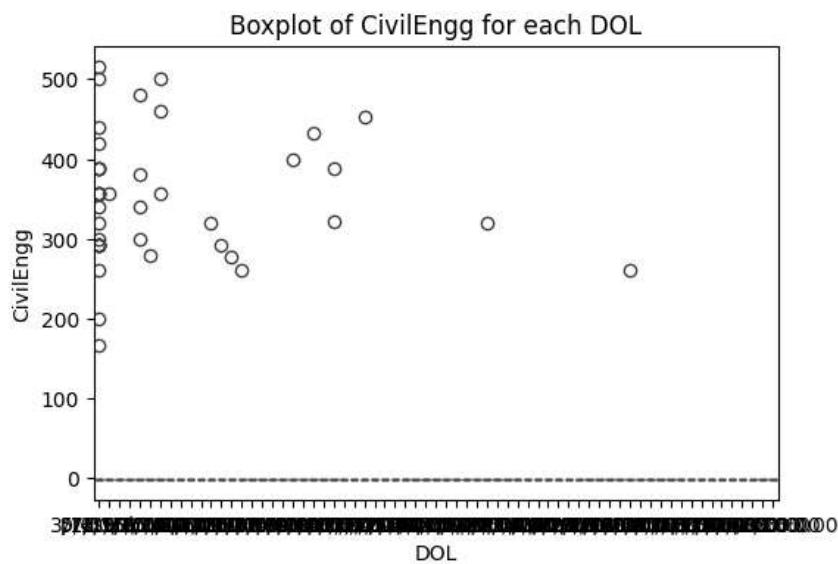
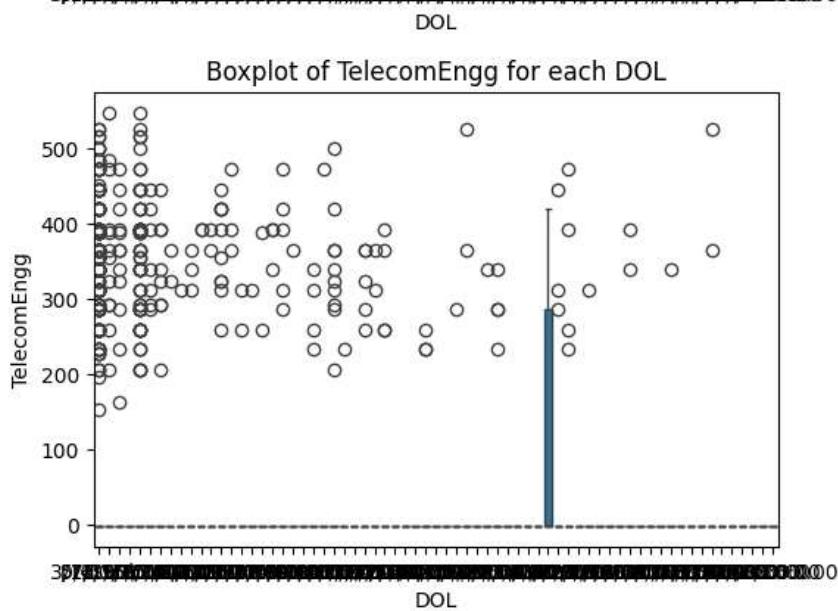


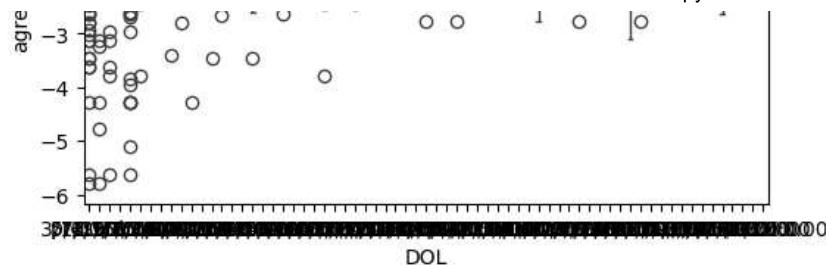
Boxplot of ComputerProgramming for each DOL



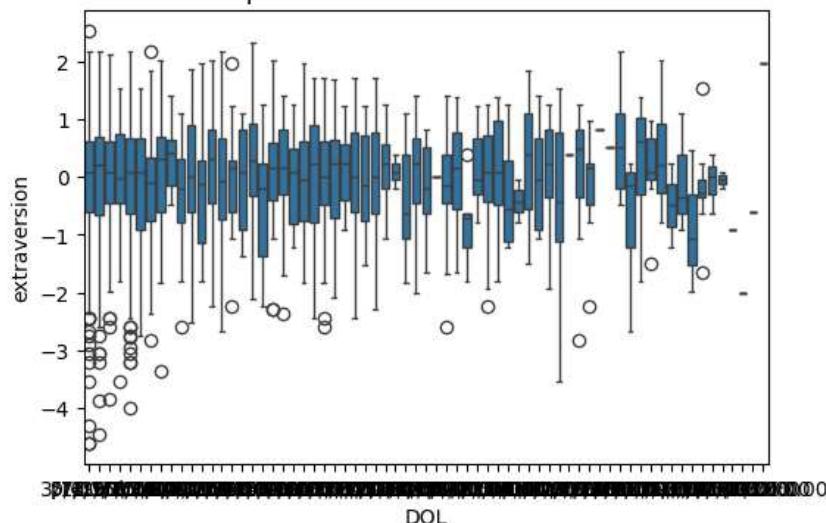
Boxplot of ElectronicsAndSemicon for each DOL



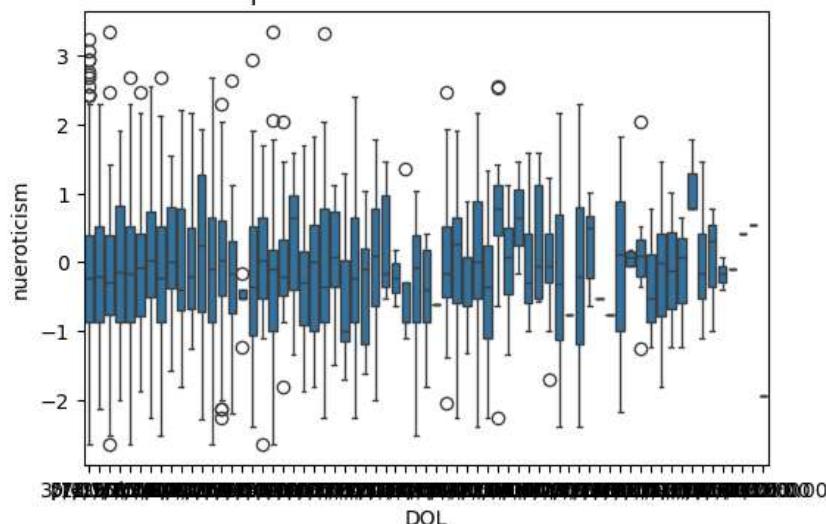




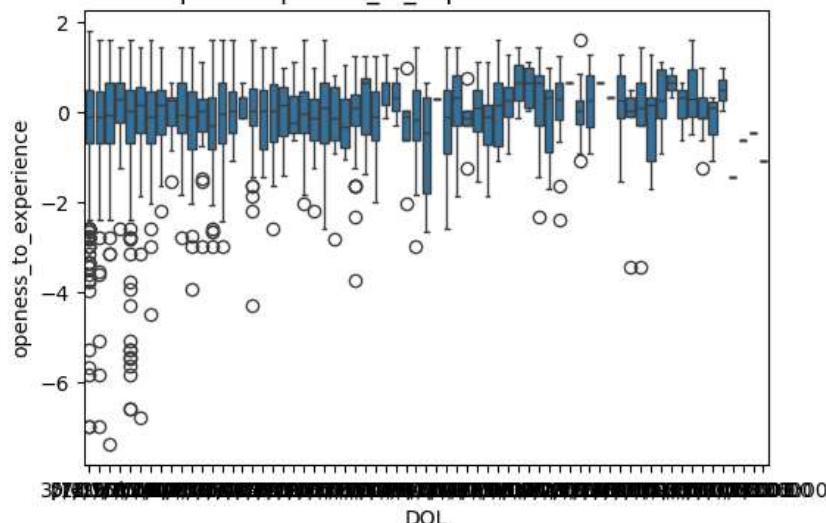
Boxplot of extraversion for each DOL



Boxplot of nueroticism for each DOL

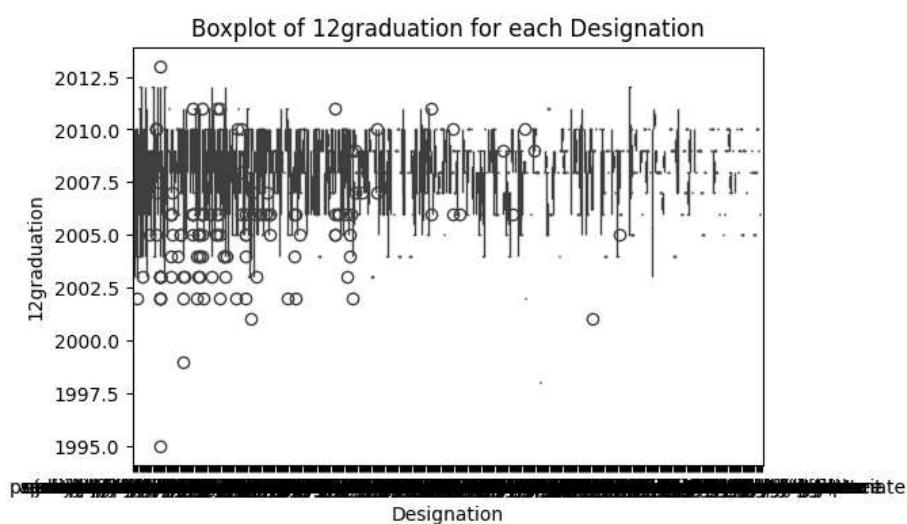
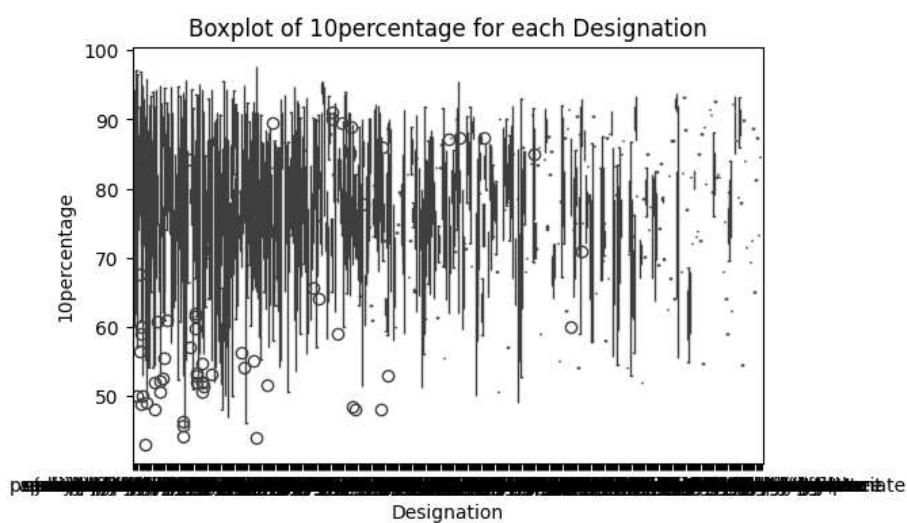
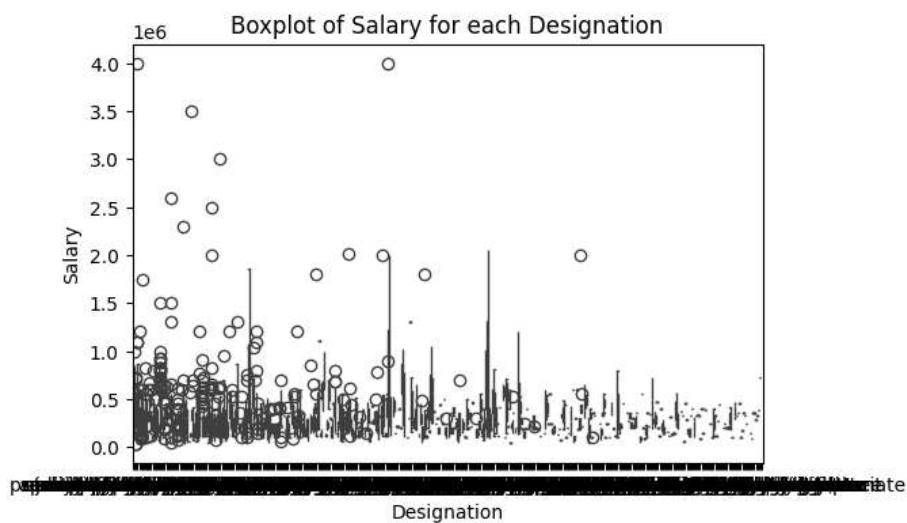
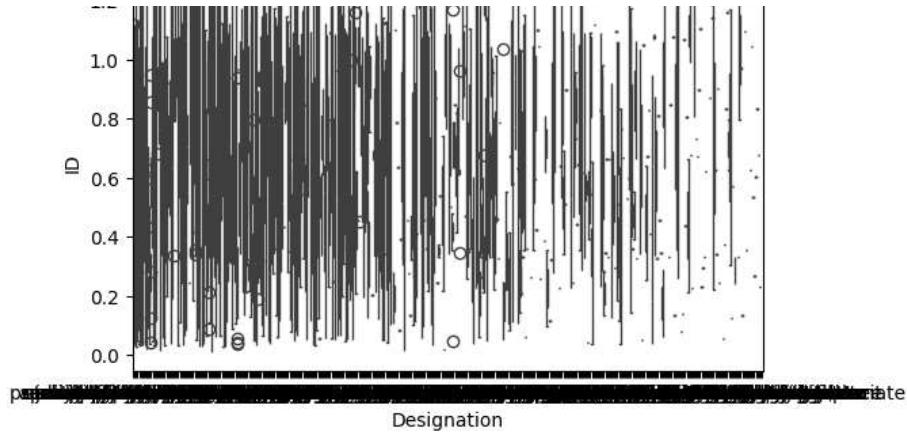


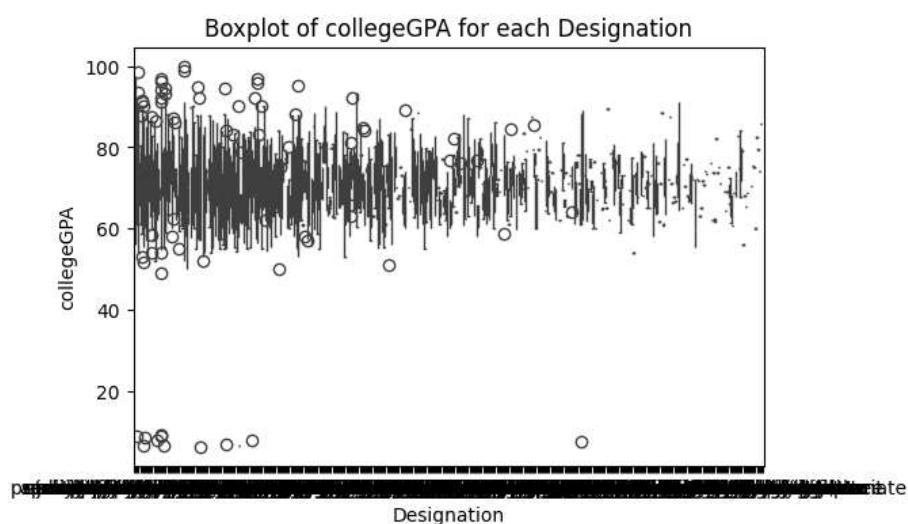
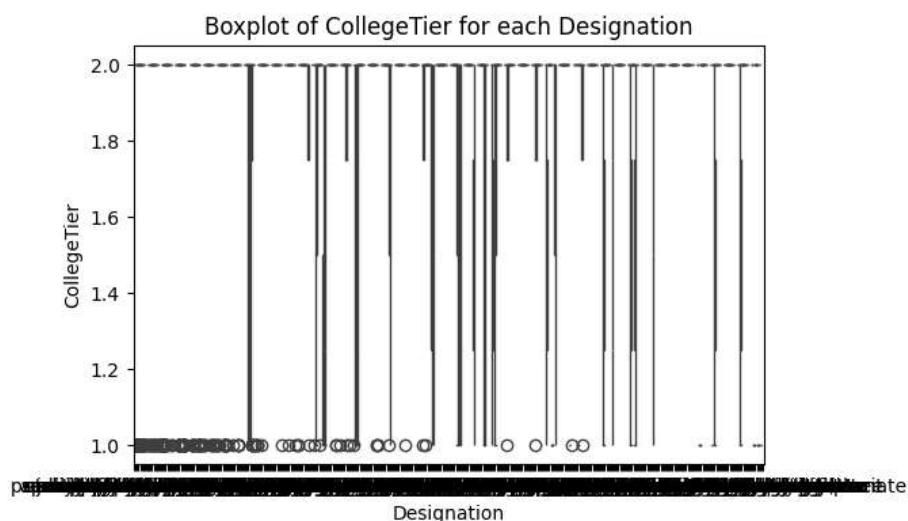
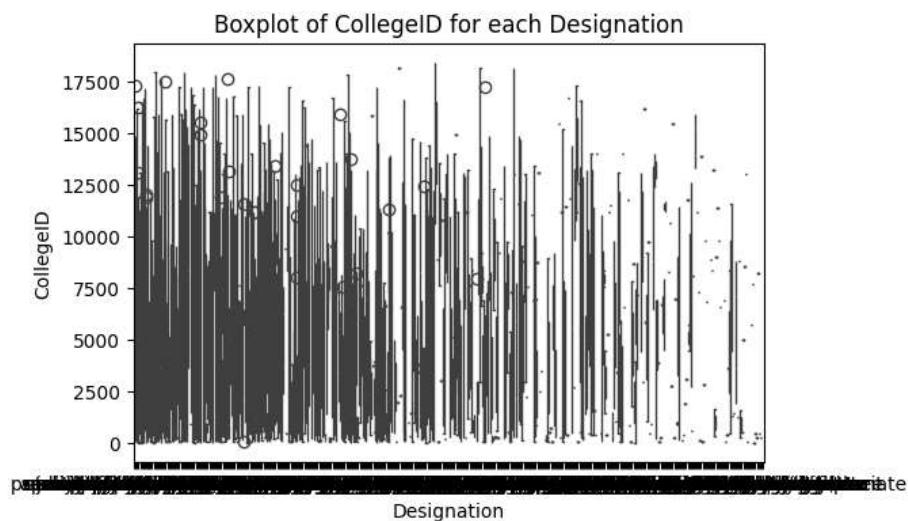
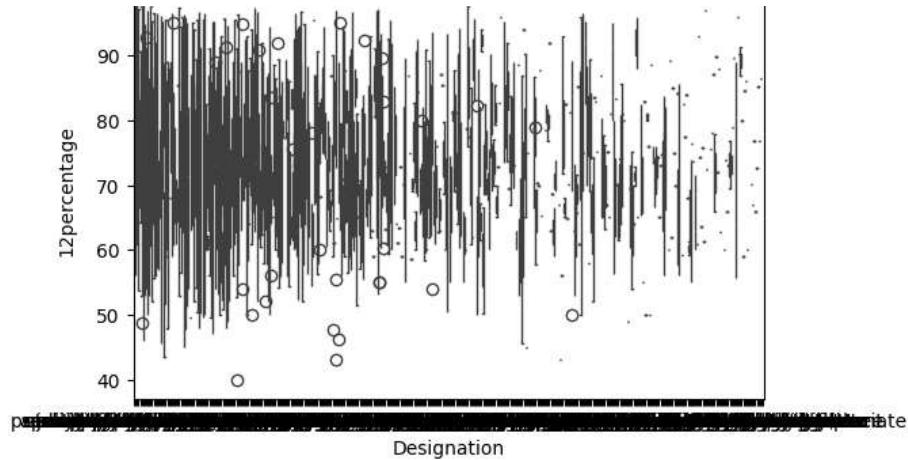
Boxplot of openness_to_experience for each DOL

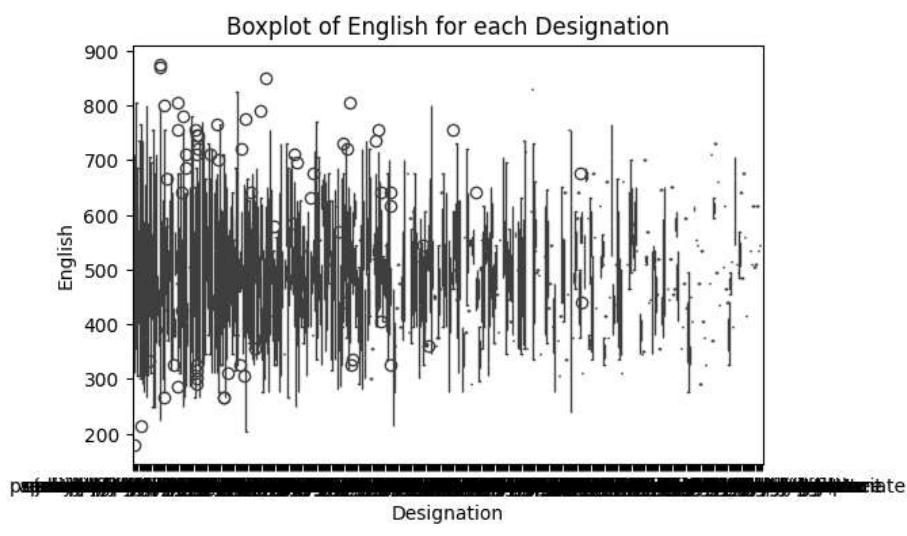
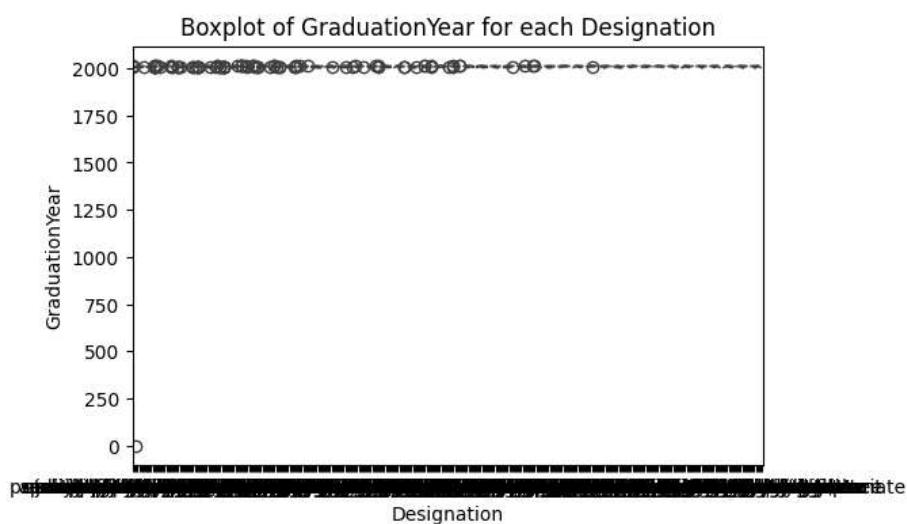
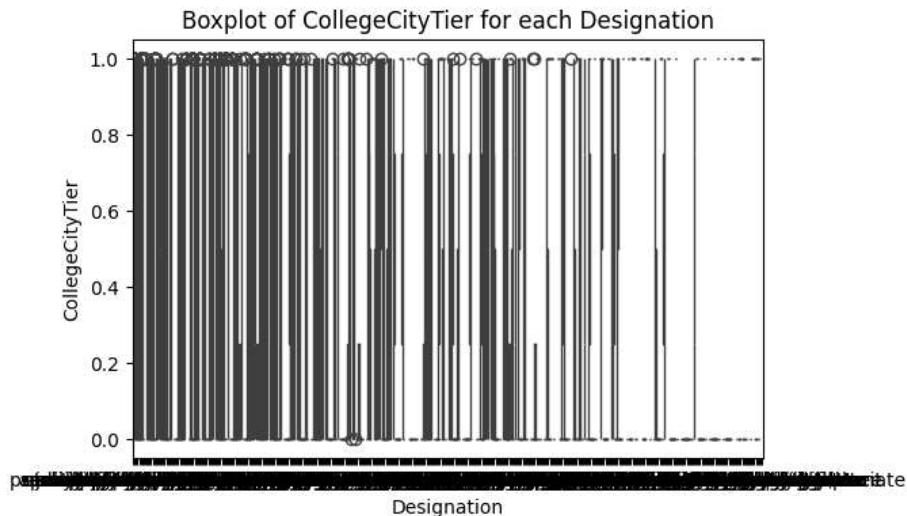
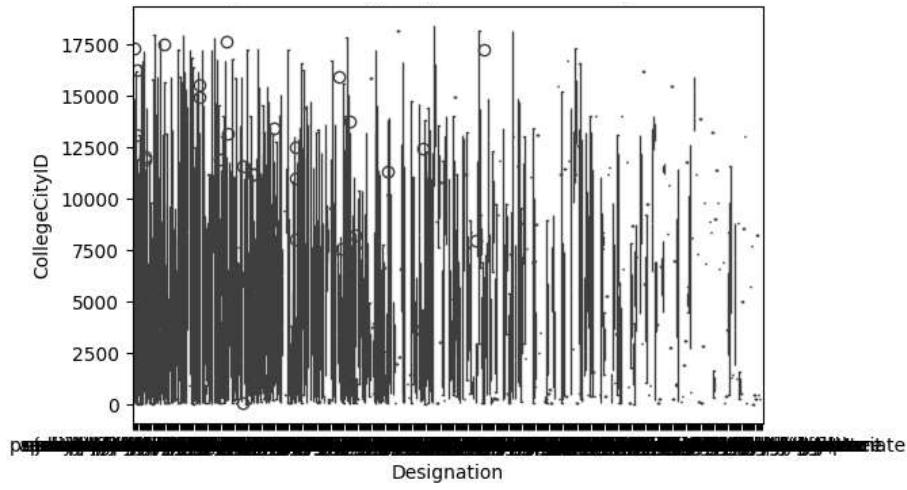


Boxplot of ID for each Designation

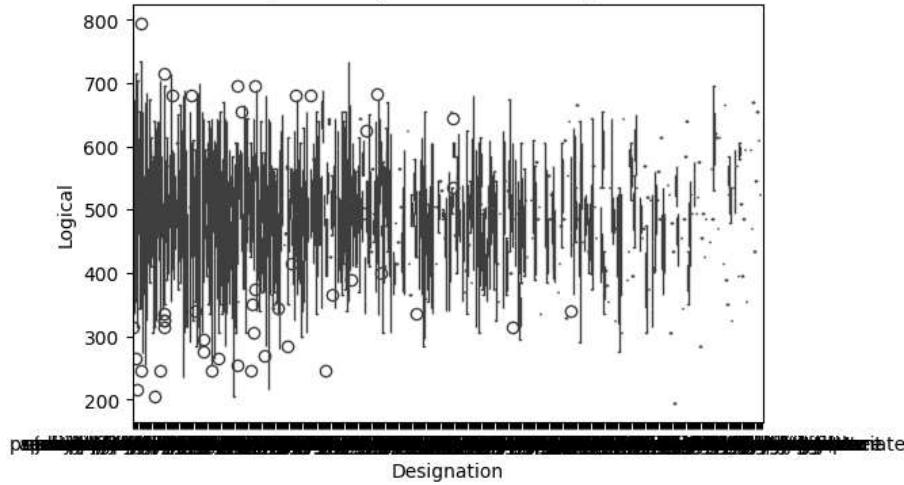




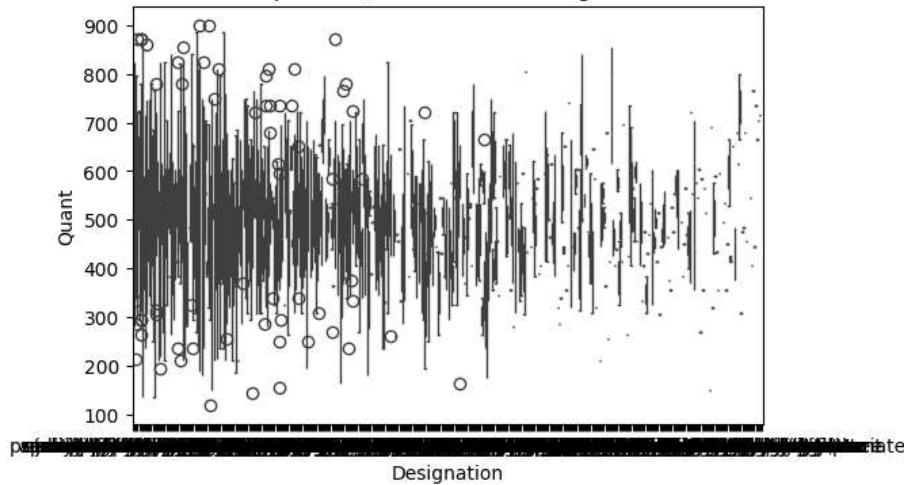




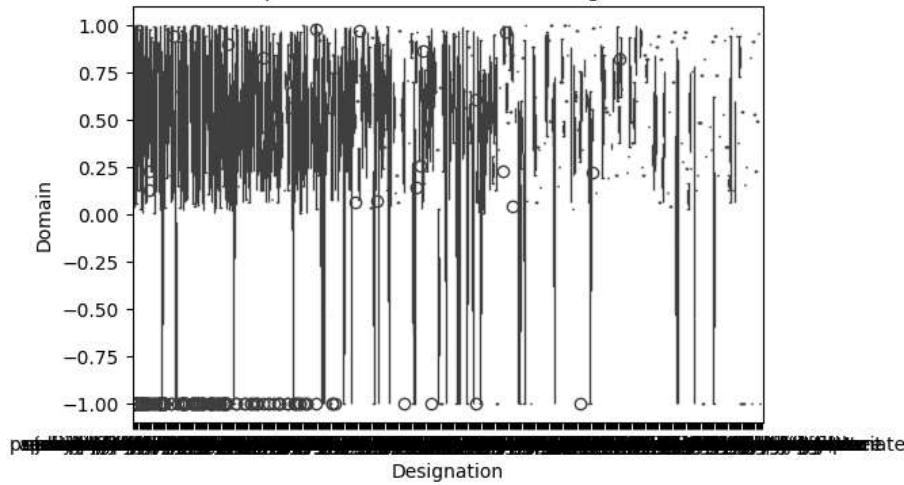
Boxplot of Logical for each Designation



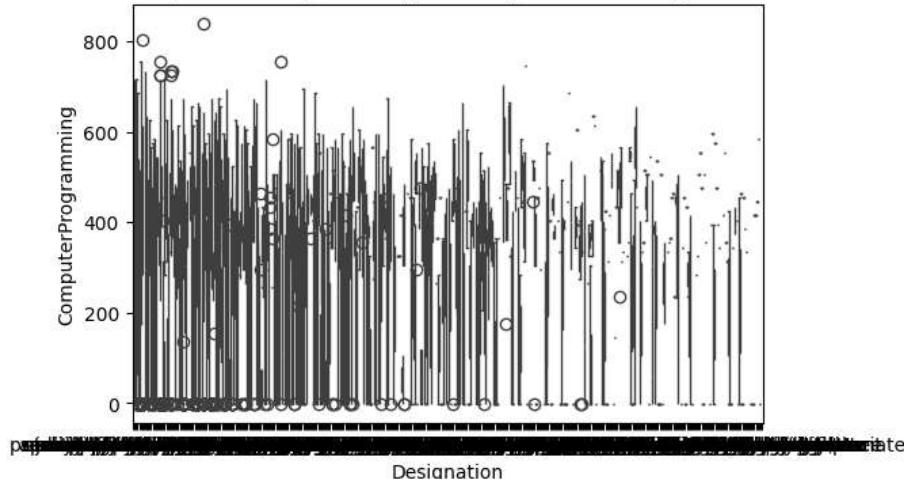
Boxplot of Quant for each Designation

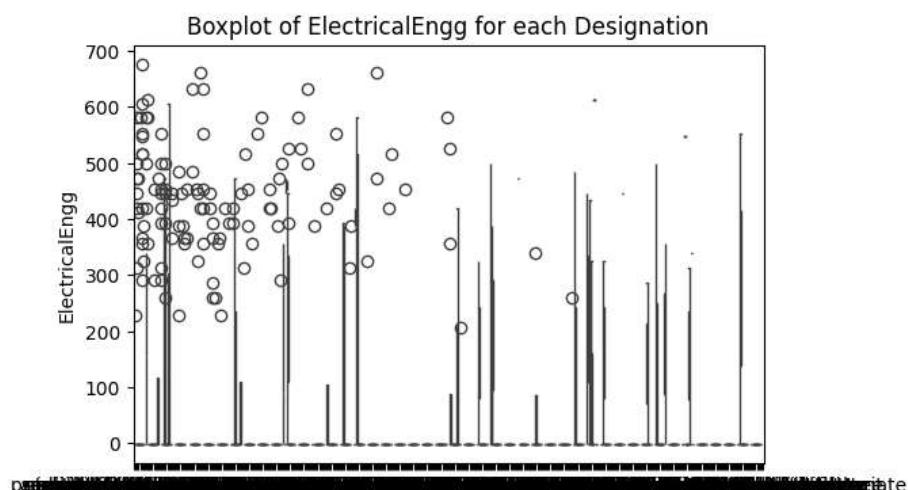
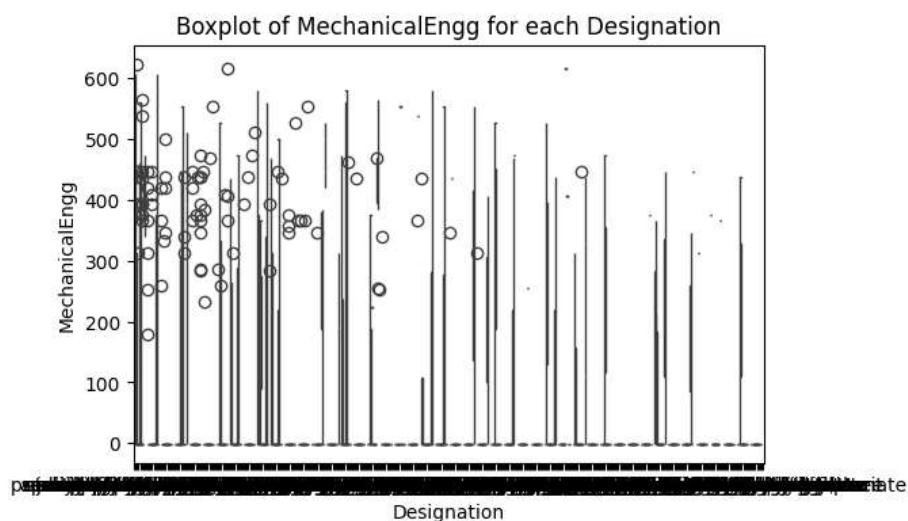
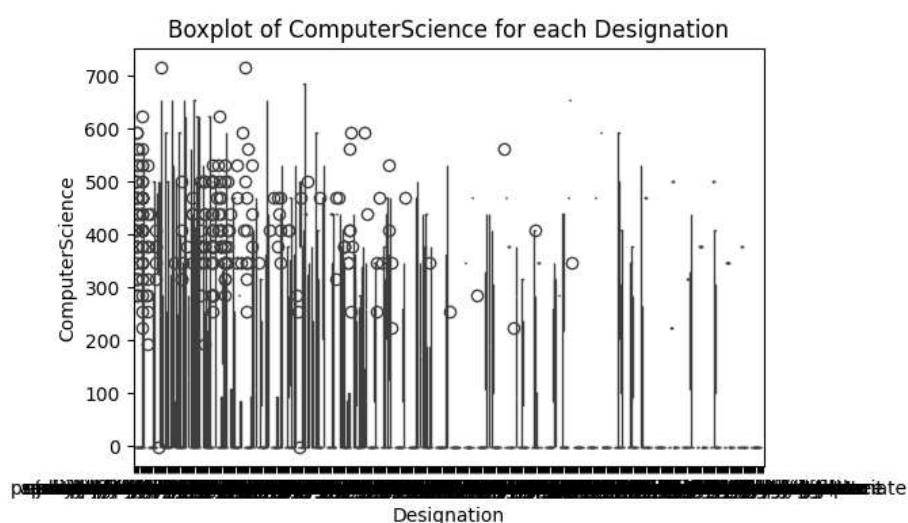
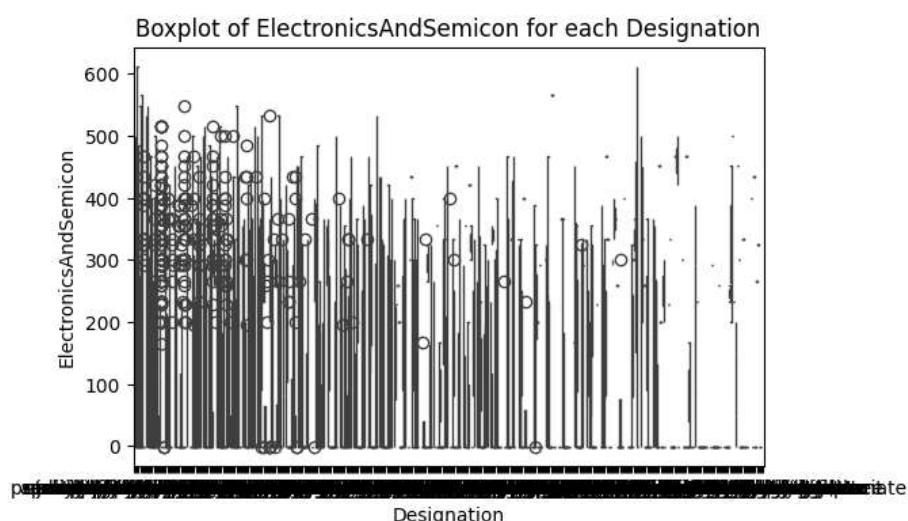


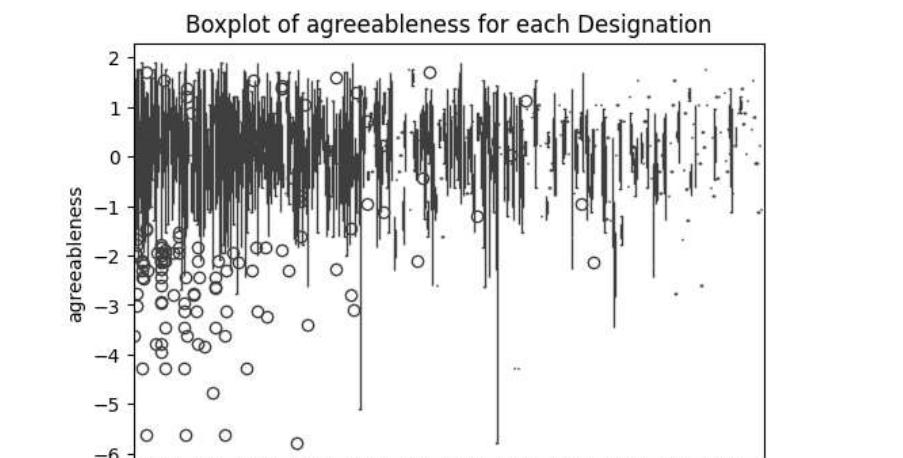
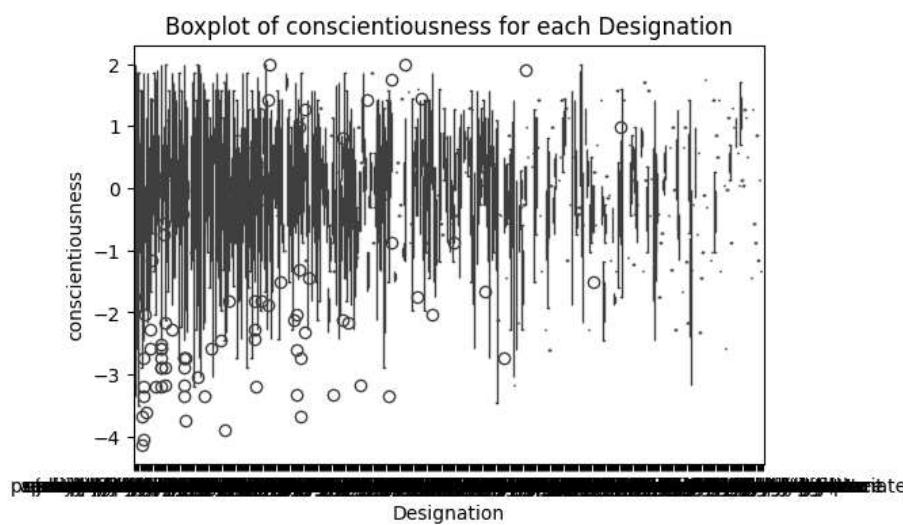
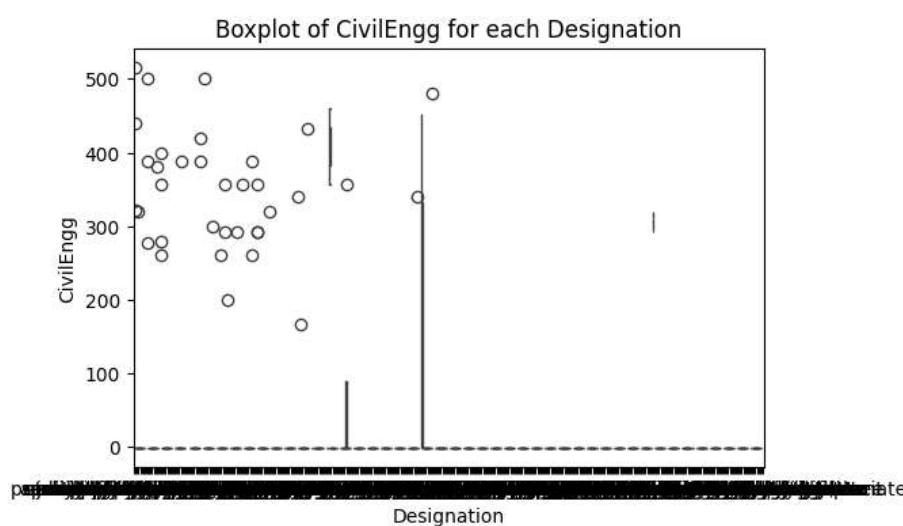
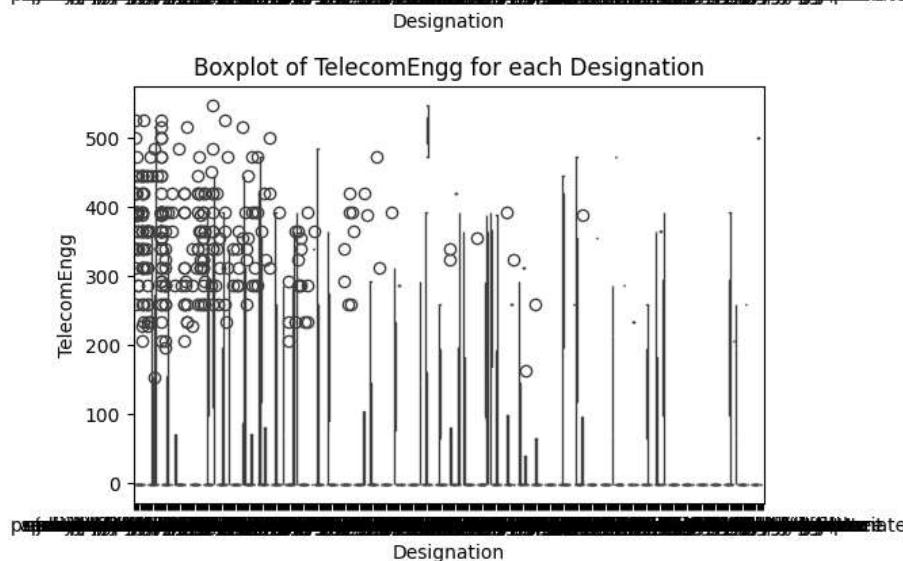
Boxplot of Domain for each Designation



Boxplot of ComputerProgramming for each Designation

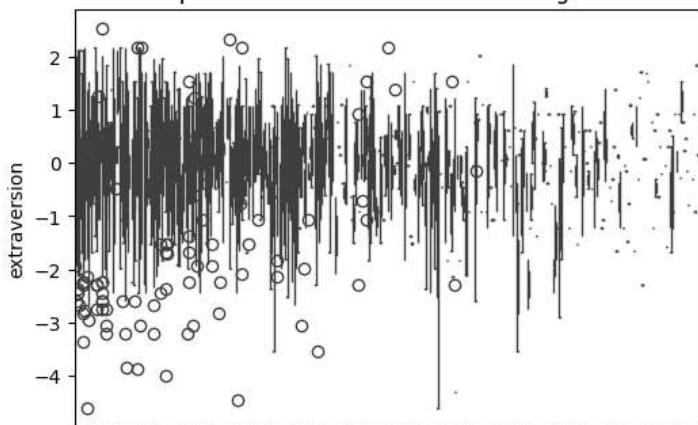






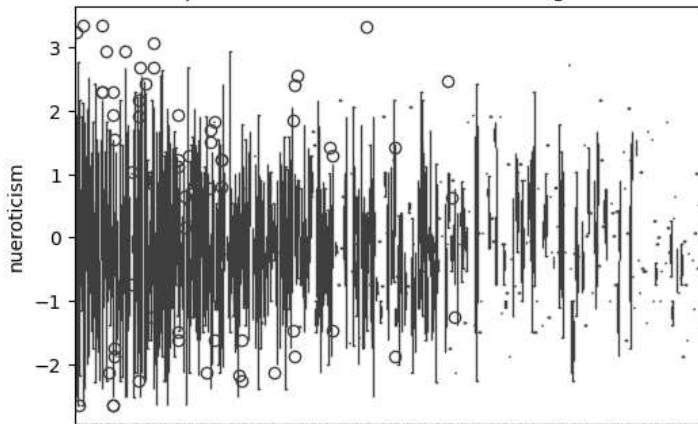
Designation

Boxplot of extraversion for each Designation



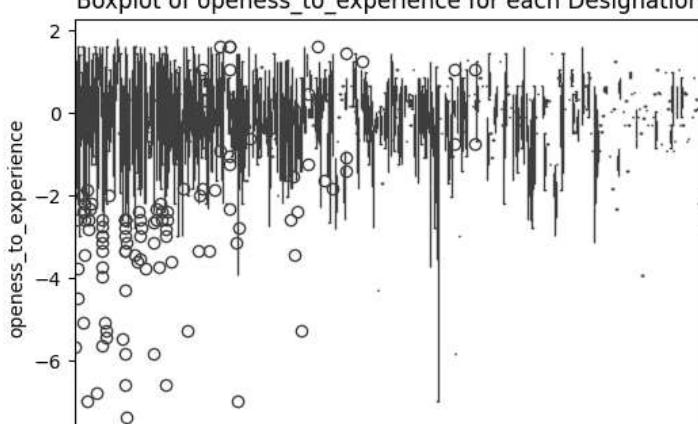
Designation

Boxplot of nuerotism for each Designation



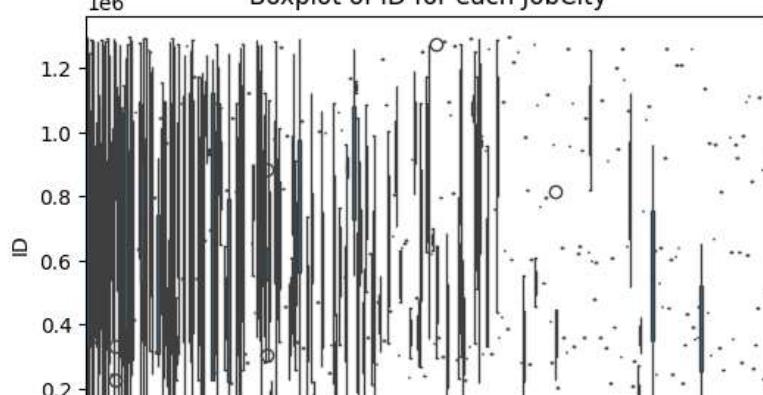
Designation

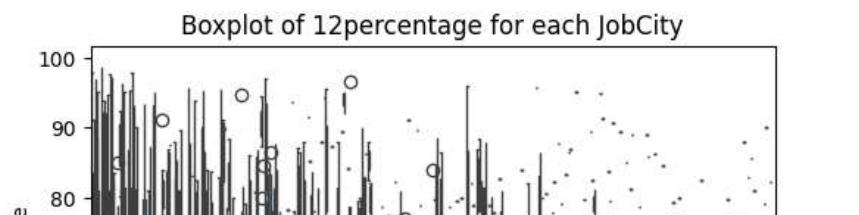
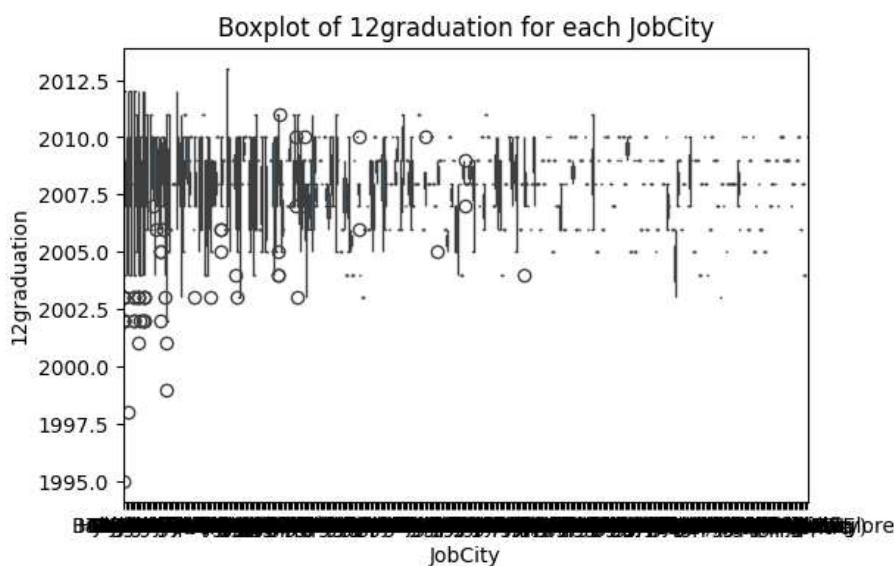
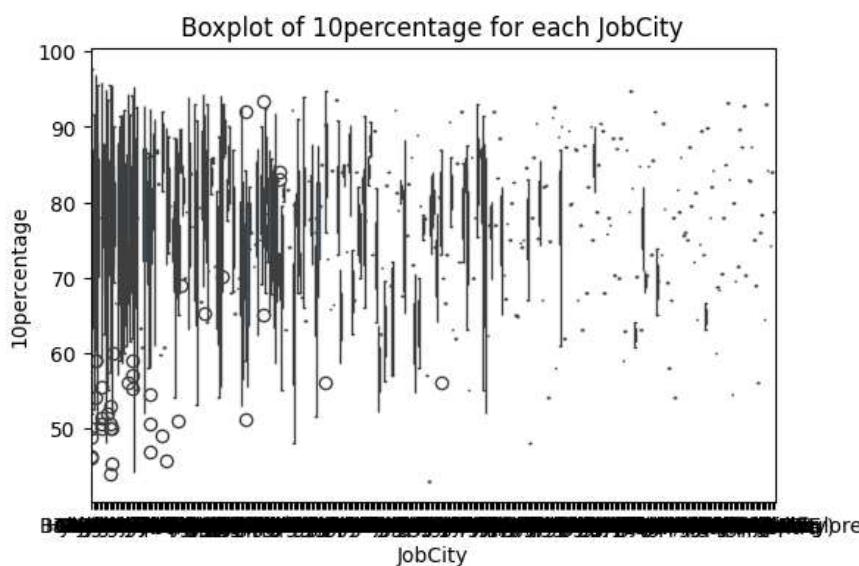
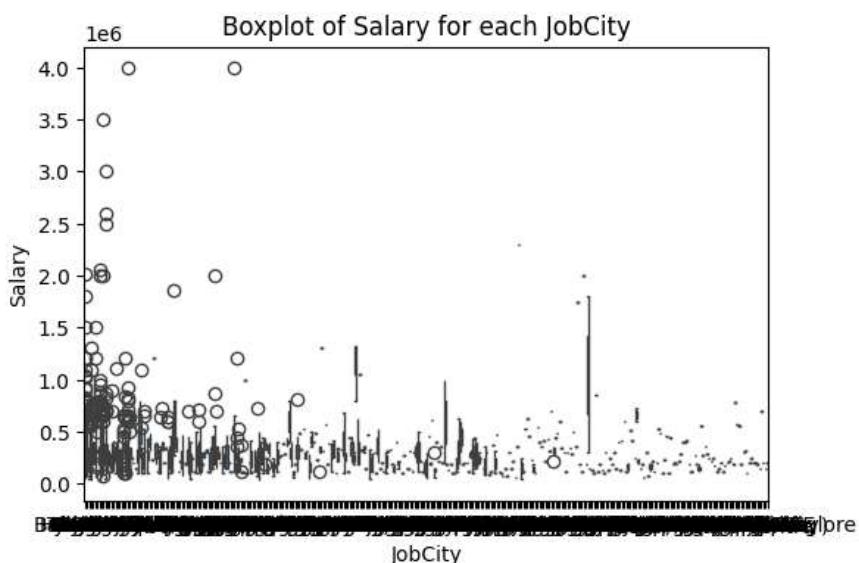
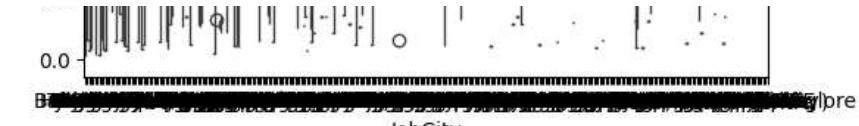
Boxplot of openness_to_experience for each Designation

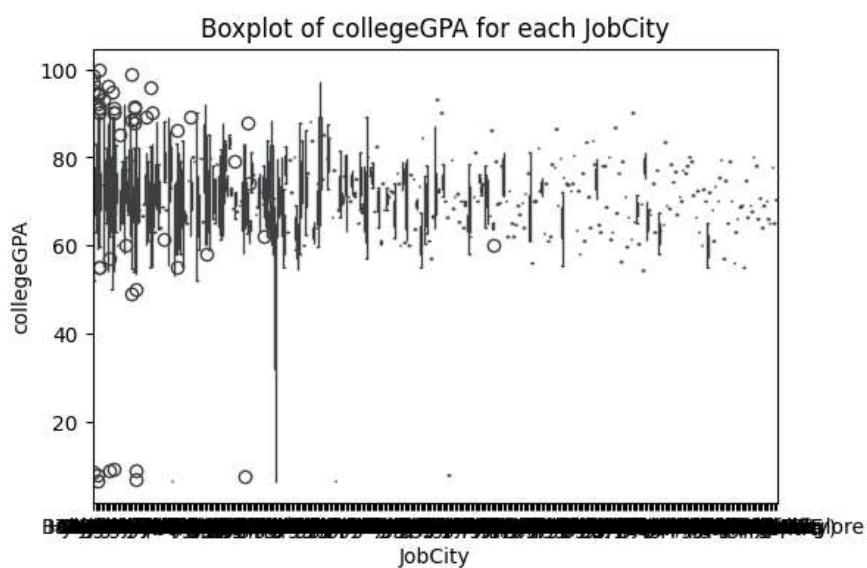
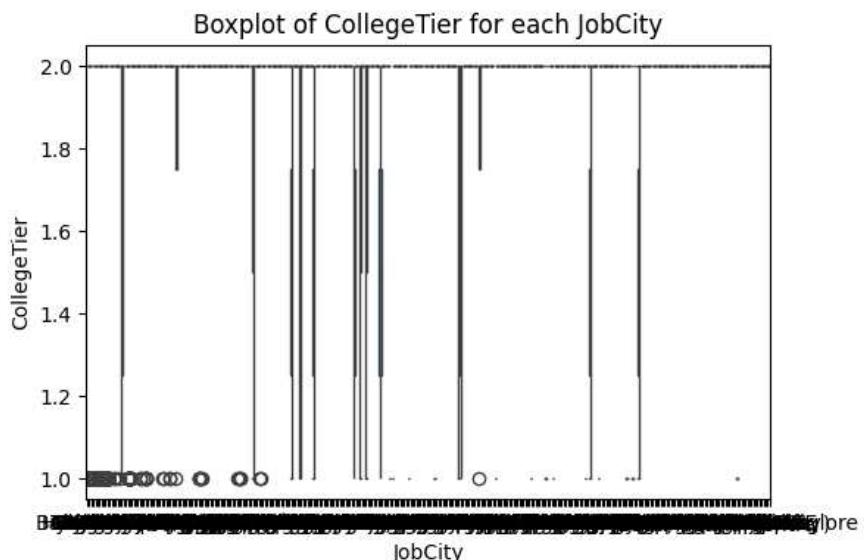
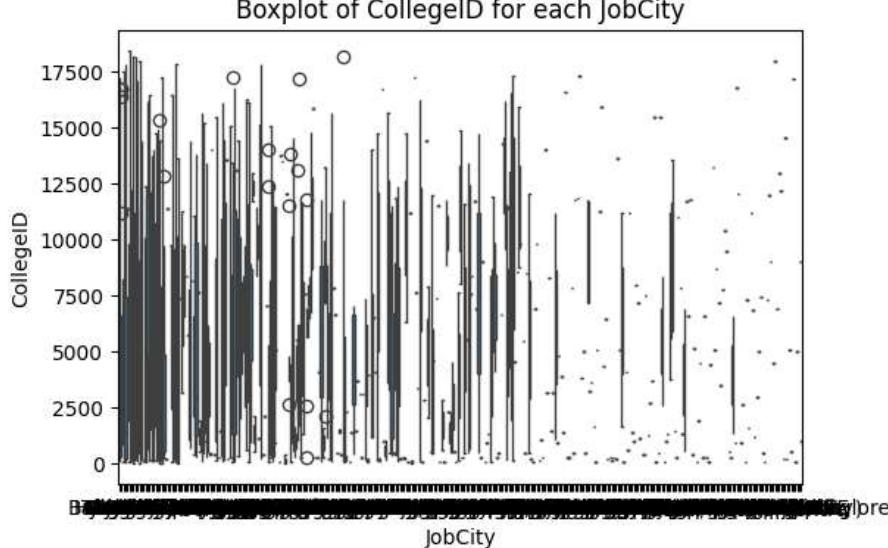
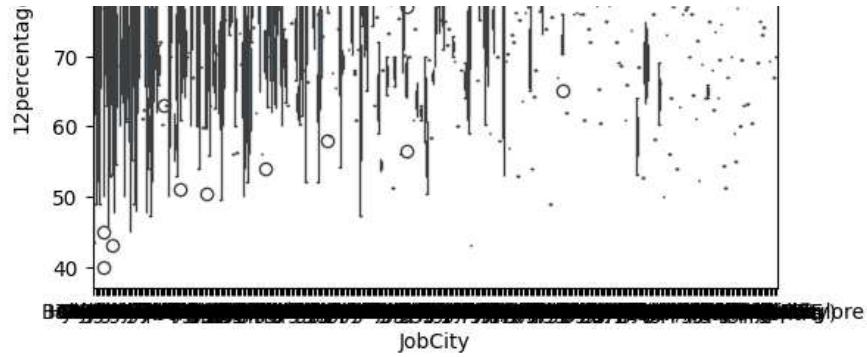


Designation

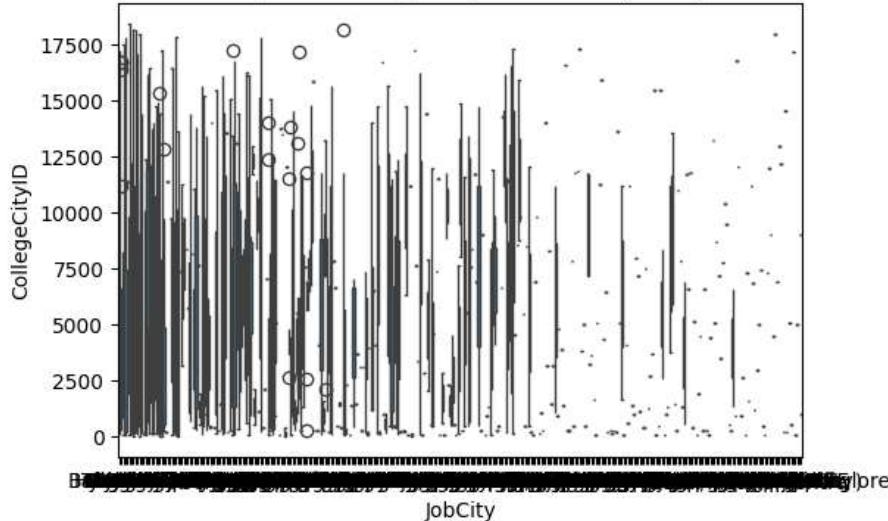
Boxplot of ID for each JobCity



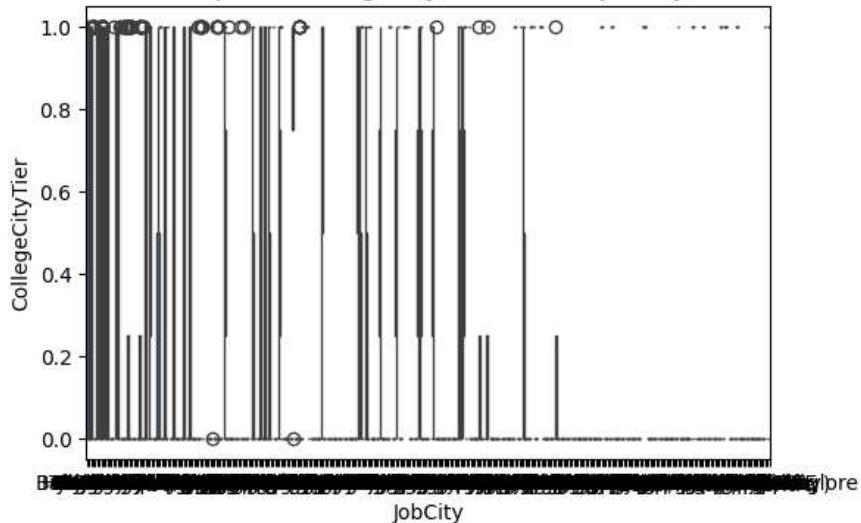




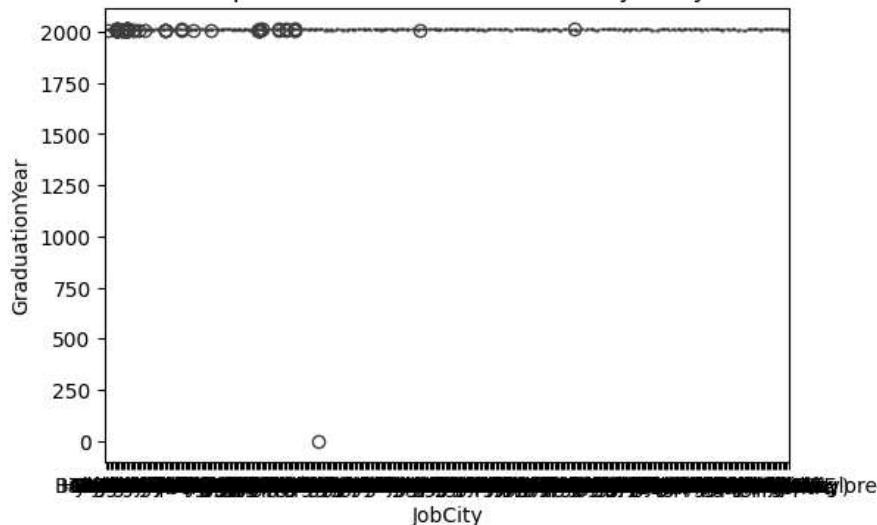
Boxplot of CollegeCityID for each JobCity



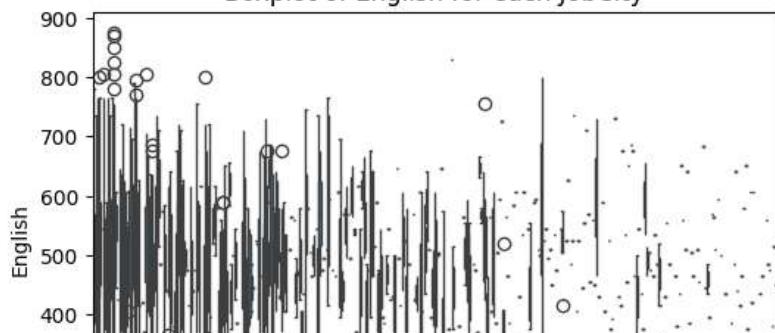
Boxplot of CollegeCityTier for each JobCity

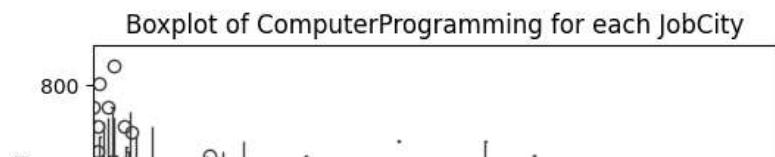
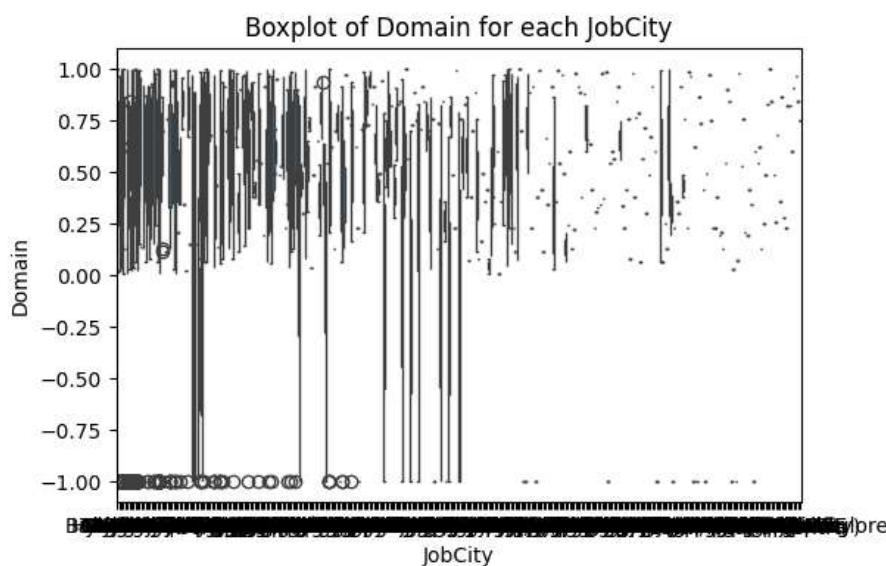
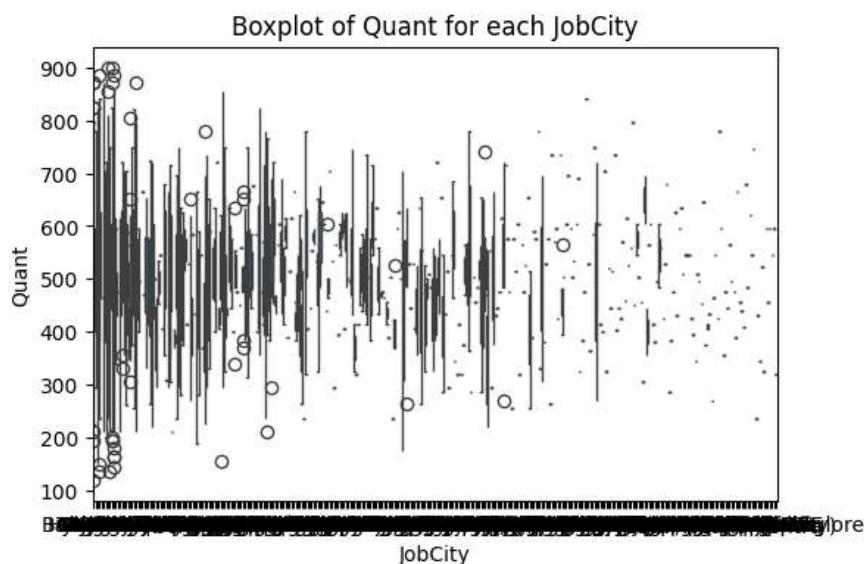
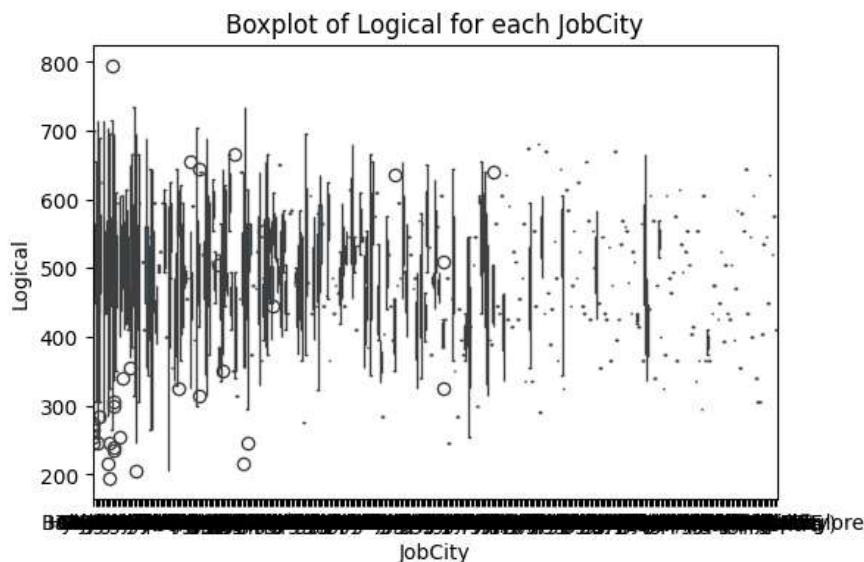


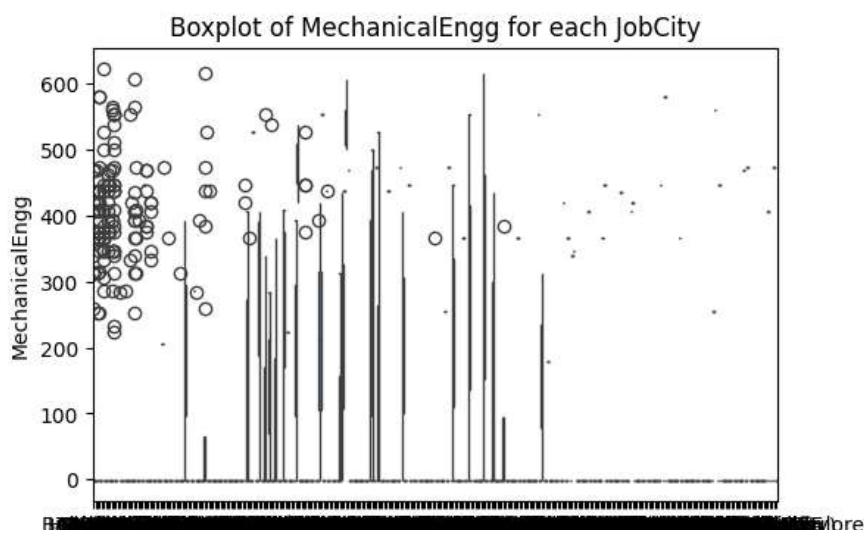
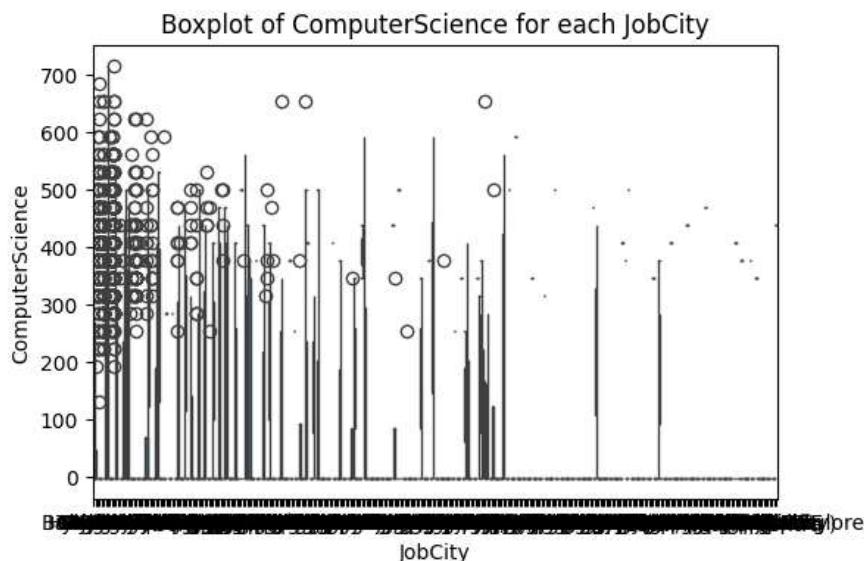
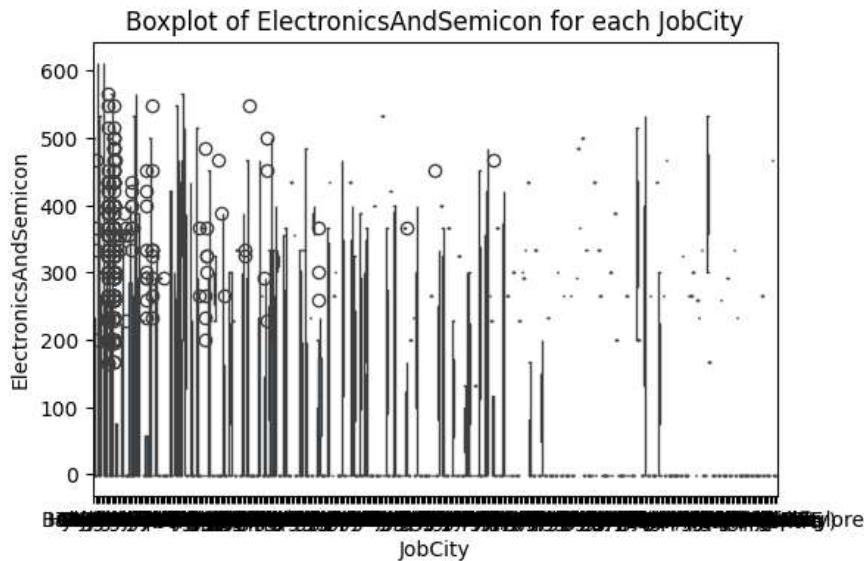
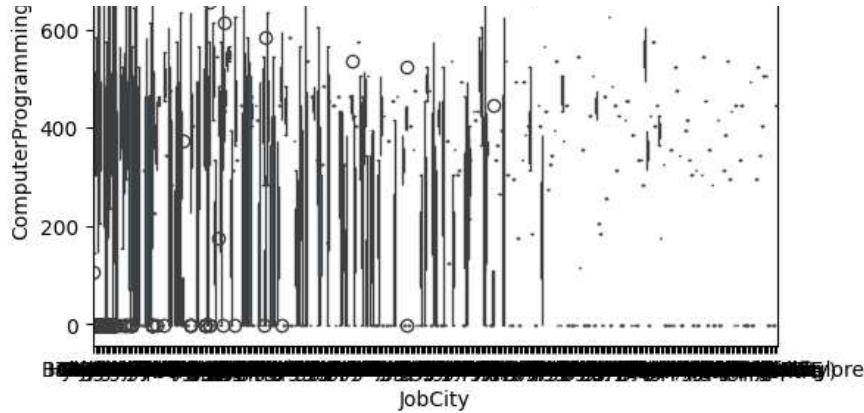
Boxplot of GraduationYear for each JobCity

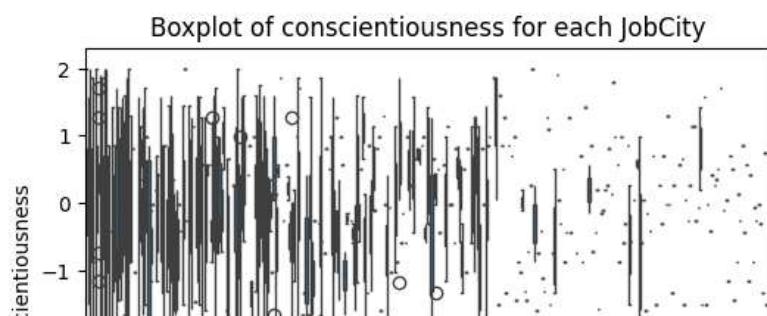
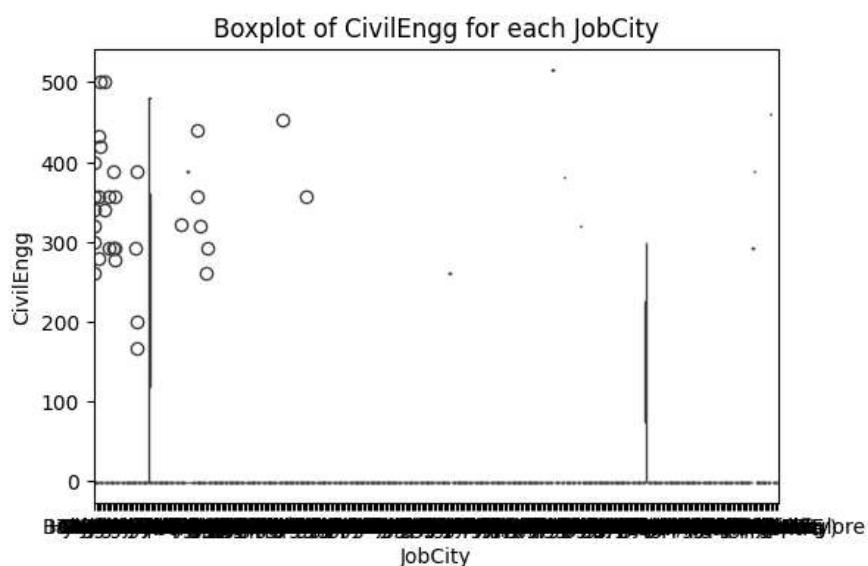
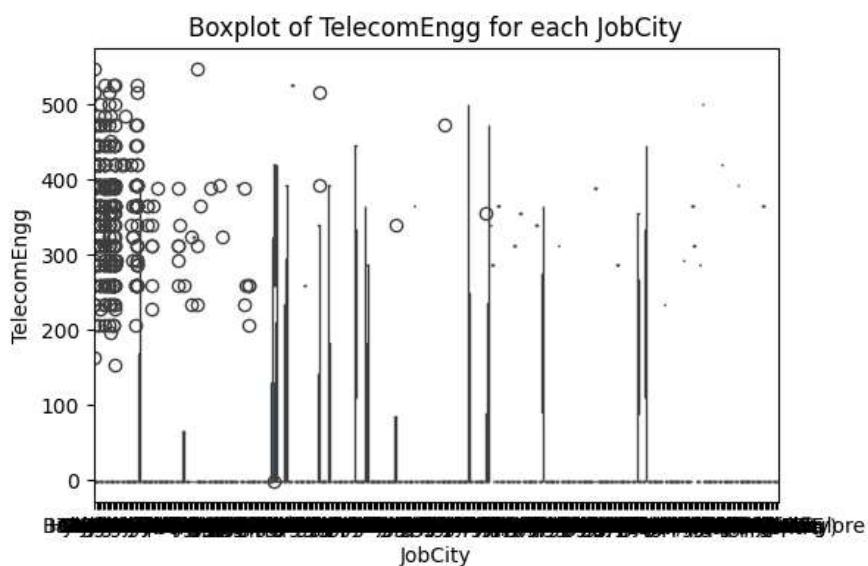
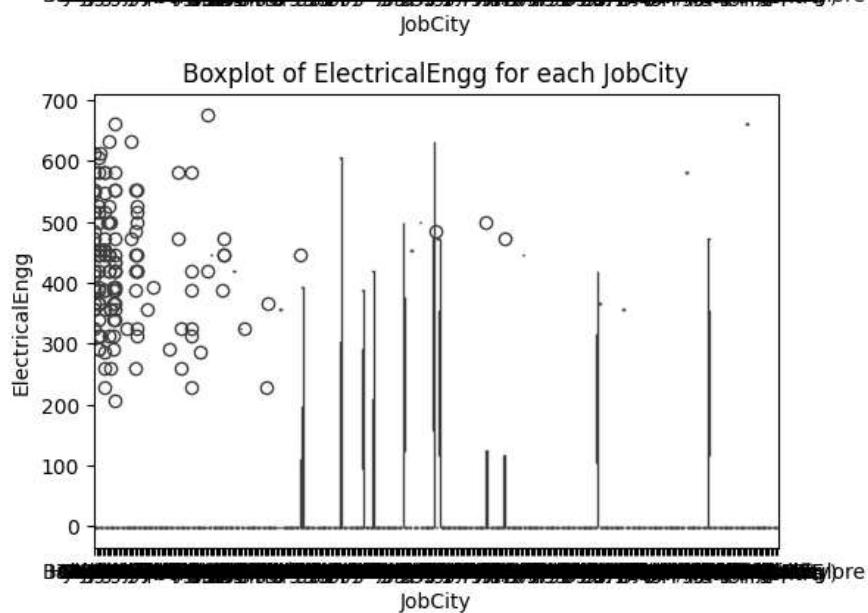


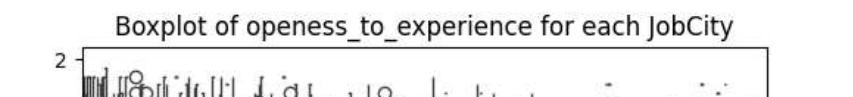
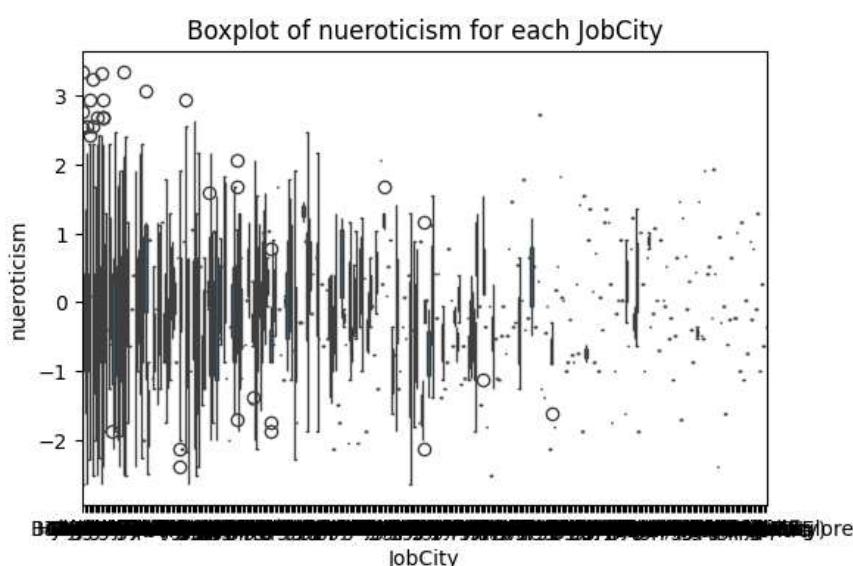
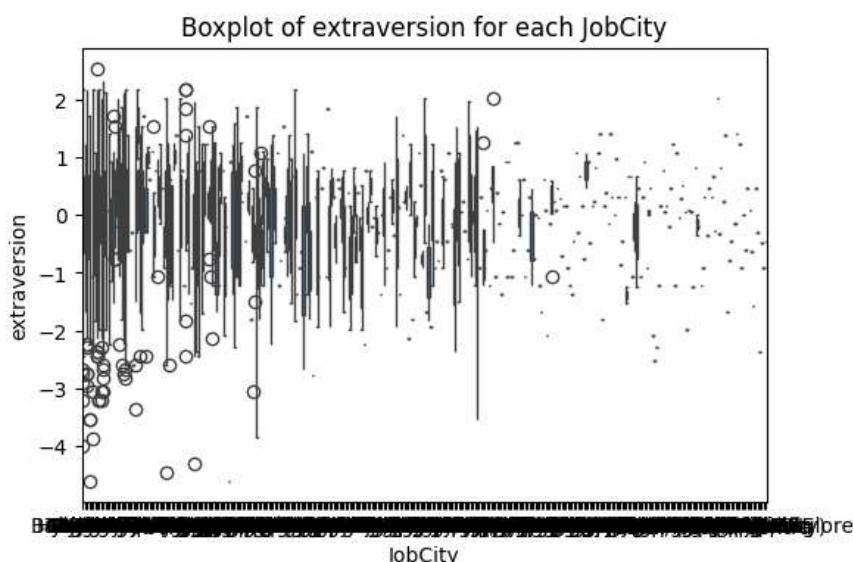
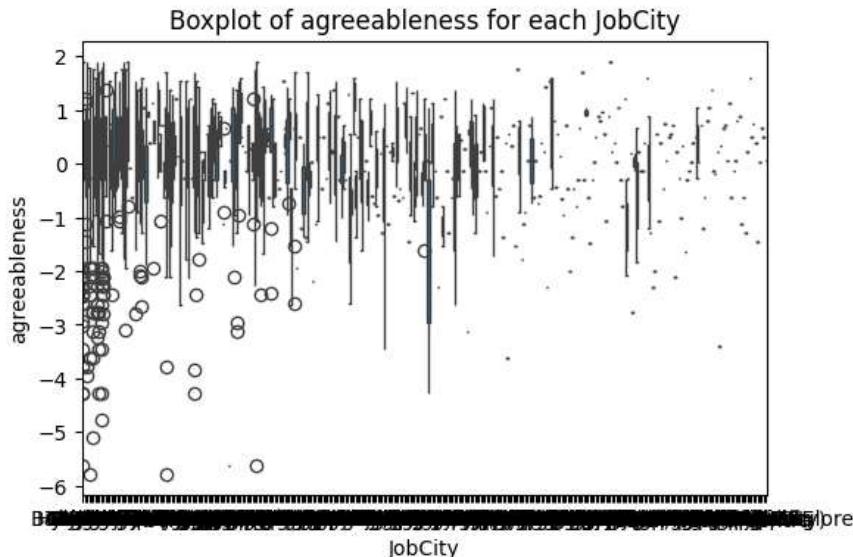
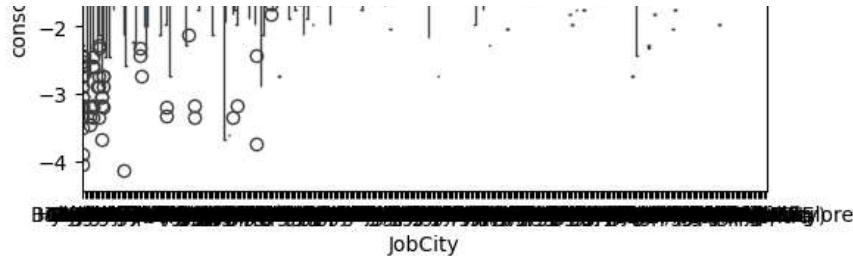
Boxplot of English for each JobCity

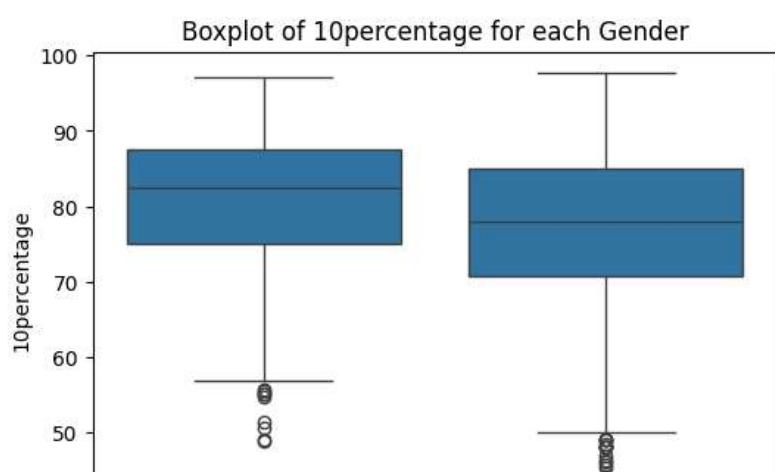
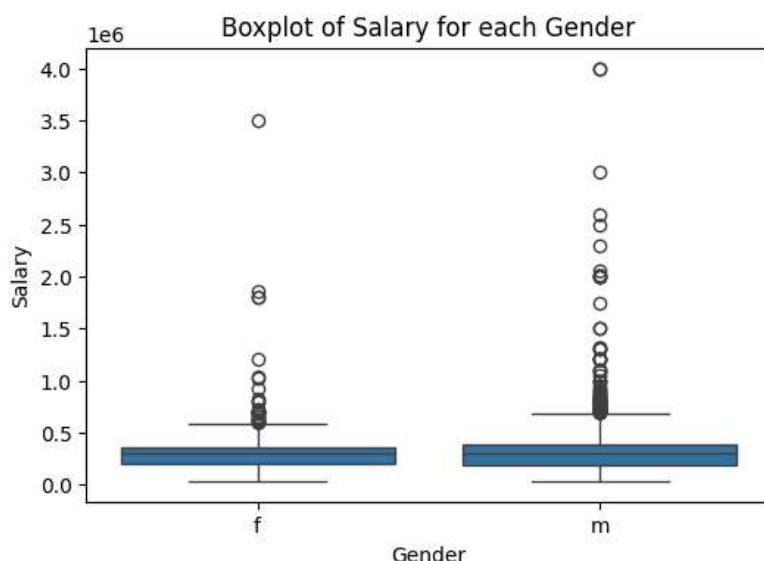
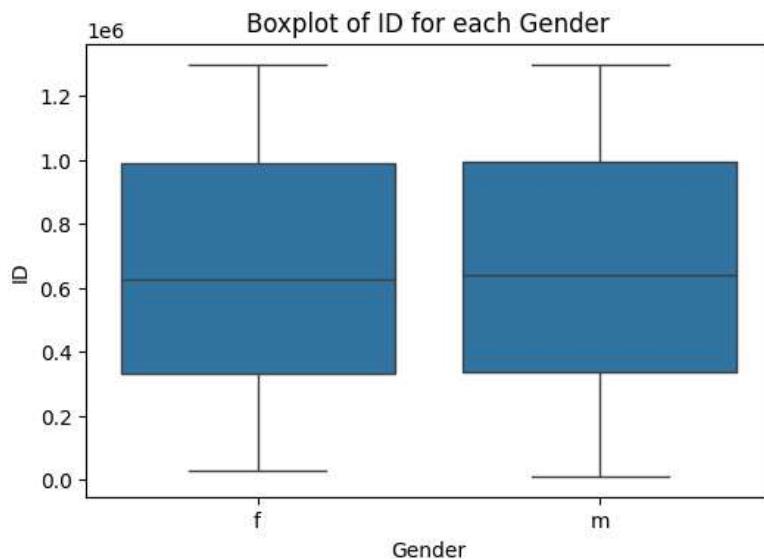
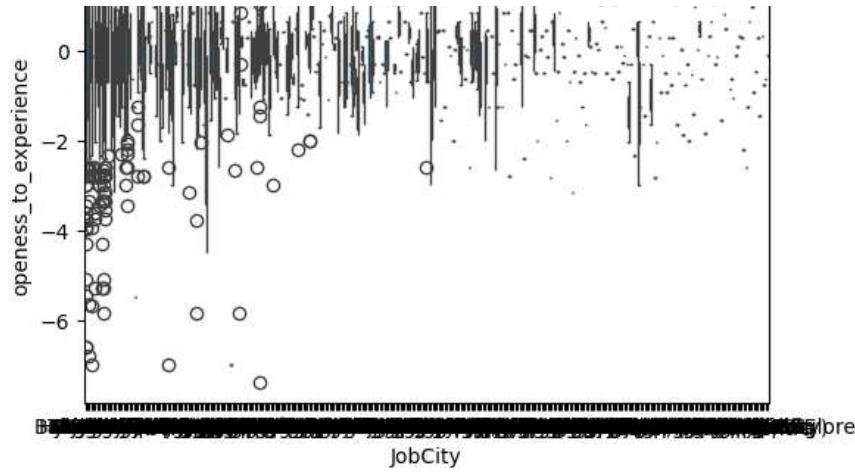










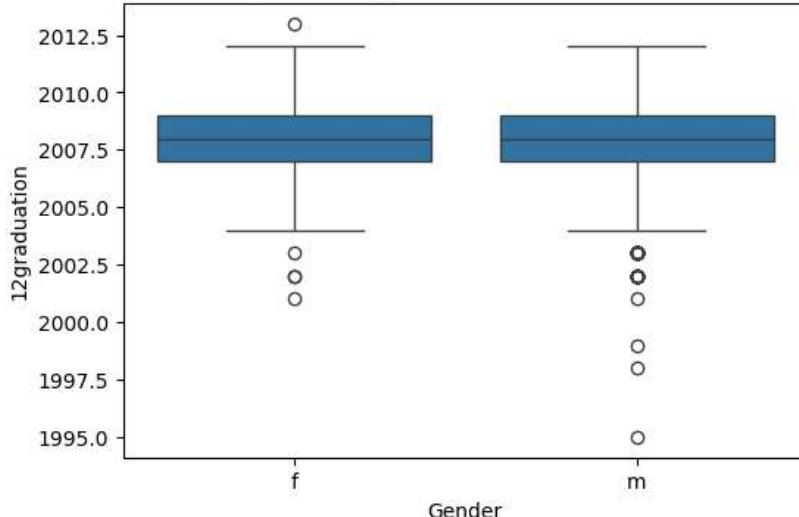


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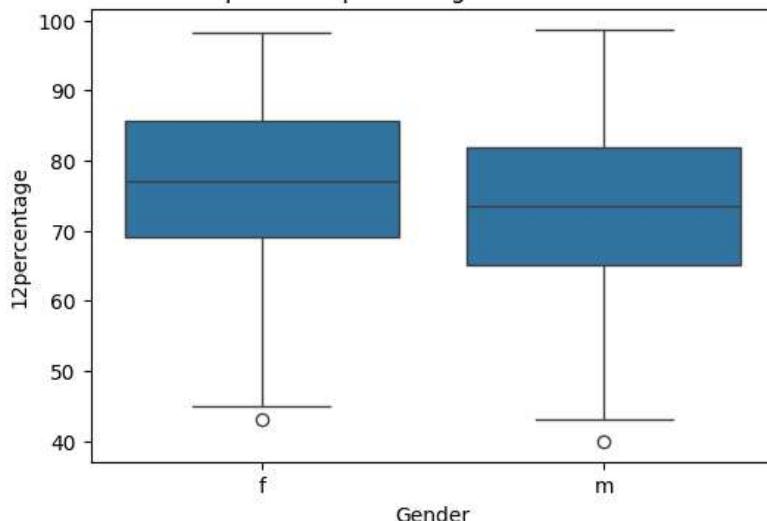
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Gender

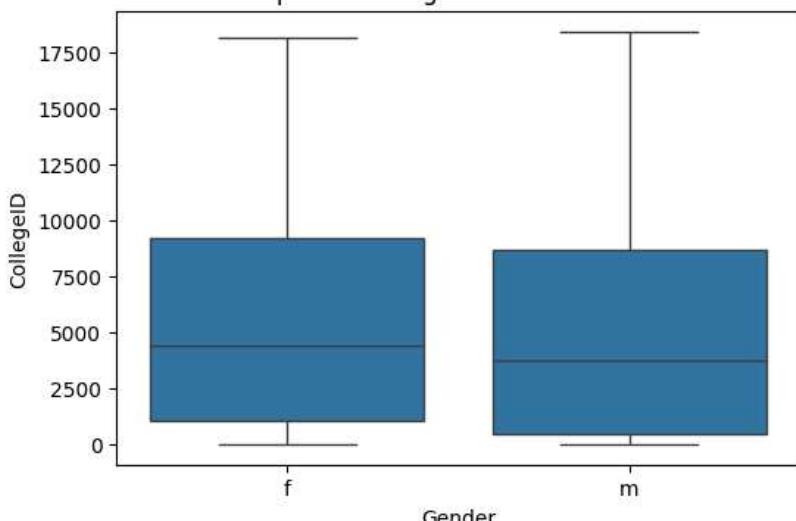
Boxplot of 12graduation for each Gender



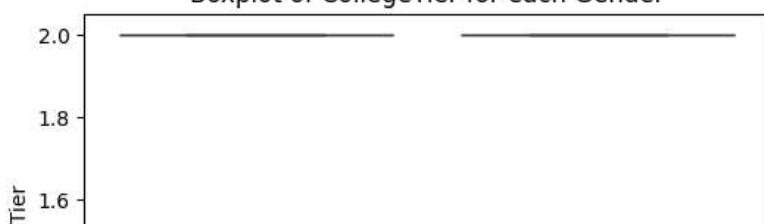
Boxplot of 12percentage for each Gender

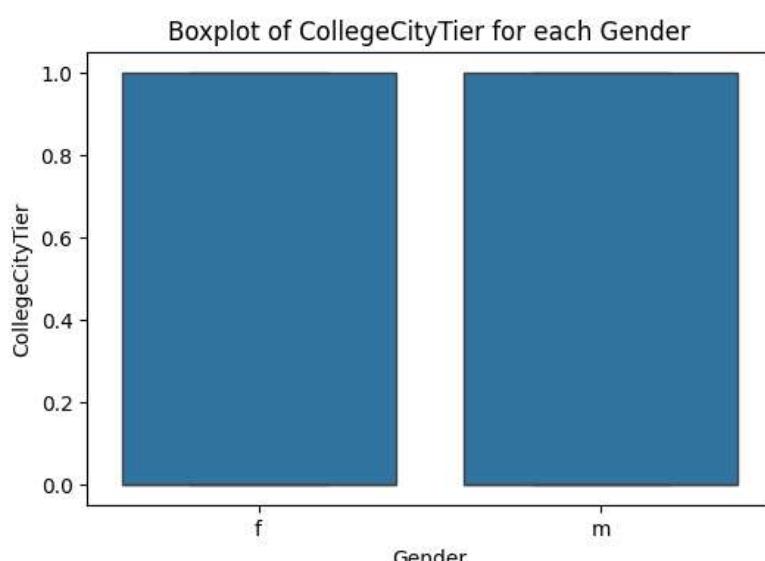
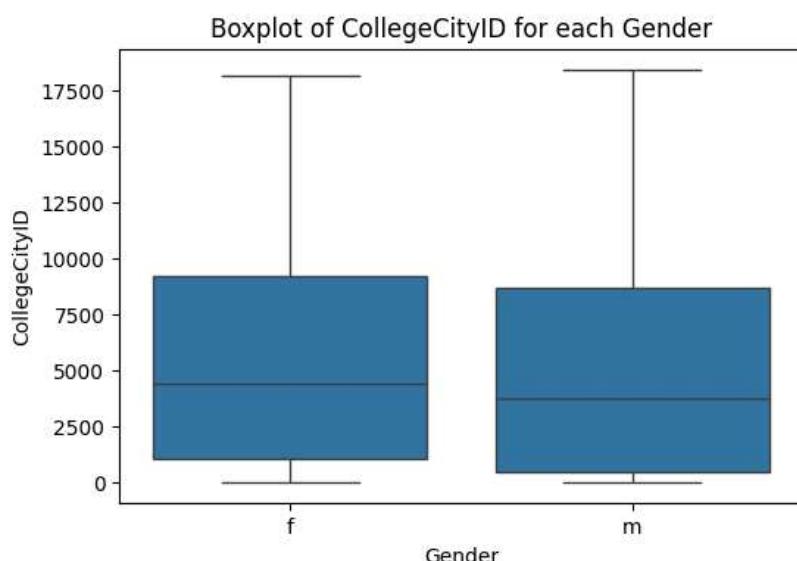
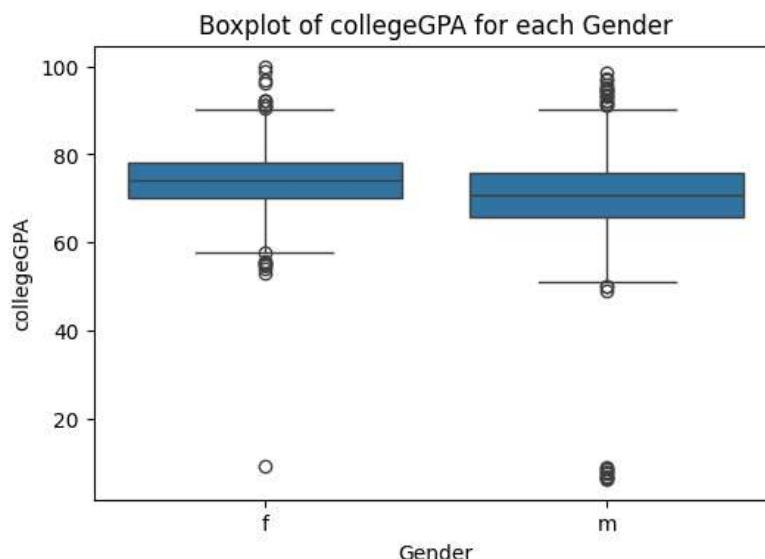
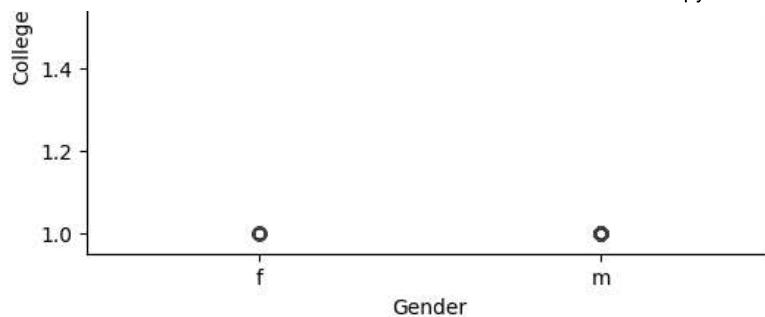


Boxplot of CollegeID for each Gender



Boxplot of CollegeTier for each Gender





Boxplot of GraduationYear for each Gender

