Overview

Dataset statistics

Number of variables	8
Number of observations	7
Missing cells	0
Missing cells (%)	0.0%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	576.0 B
Average record size in memory	82.3 B

Variable types

Numeric	8

Alerts

`df_index` is highly correlated with `N.Amer` and 6 other fields (N.Amer, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)	High correlation
`N.Amer` is highly correlated with `df_index` and 6 other fields (df_index, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)	High correlation
`Europe` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Asia, S.Amer, Oceania, Africa, Mid.Amer)	High correlation
`Asia` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, S.Amer, Oceania, Africa, Mid.Amer)	High correlation
`S.Amer` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, Asia, Oceania, Africa, Mid.Amer)	High correlation
`Oceania` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, Asia, S.Amer, Africa, Mid.Amer)	High correlation
`Africa` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, Asia, S.Amer, Oceania, Mid.Amer)	High correlation
`Mid.Amer` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, Asia, S.Amer, Oceania, Africa)	High correlation
`df_index` is highly correlated with `N.Amer` and 6 other fields (N.Amer, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)	High correlation
`N.Amer` is highly correlated with `df_index` and 6 other fields (df_index, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)	High correlation
`Europe` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Asia, S.Amer, Oceania, Africa, Mid.Amer)	High correlation
`Asia` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, S.Amer, Oceania, Africa, Mid.Amer)	High correlation
`S.Amer` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, Asia, Oceania, Africa, Mid.Amer)	High correlation
`Oceania` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, Asia, S.Amer, Africa, Mid.Amer)	High correlation
`Africa` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, Asia, S.Amer, Oceania, Mid.Amer)	High correlation
`Mid.Amer` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, Asia, S.Amer, Oceania, Africa)	High correlation
`df_index` is highly correlated with `N.Amer` and 6 other fields (N.Amer, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)	High correlation
`N.Amer` is highly correlated with `df_index` and 6 other fields (df_index, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)	High correlation
`Europe` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Asia, S.Amer, Oceania, Africa, Mid.Amer)	High correlation
`Asia` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, S.Amer, Oceania, Africa, Mid.Amer)	High correlation
`S.Amer` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, Asia, Oceania, Africa, Mid.Amer)	High correlation
`Oceania` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, Asia, S.Amer, Africa, Mid.Amer)	High correlation
`Africa` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, Asia, S.Amer, Oceania, Mid.Amer)	High correlation
`Mid.Amer` is highly correlated with `df_index` and 6 other fields (df_index, N.Amer, Europe, Asia, S.Amer, Oceania, Africa)	High correlation
`df_index` has unique values	Unique
`N.Amer` has unique values	Unique
`Europe` has unique values	Unique
`Asia` has unique values	Unique
`S.Amer` has unique values	Unique
`Oceania` has unique values	Unique
`Africa` has unique values	Unique
`Mid.Amer` has unique values	Unique

Reproduction

Analysis started	2022-09-25 10:43:54.857592
Analysis finished	2022-09-25 10:44:05.168995
Duration	10.31 seconds
Software version	pandas-profiling v3.1.0 (https://github.com/pandas-profiling/pandas-profiling)
Download configuration	config.json (data:text/plain;charset=utf-8,%7B%22title%22%3A%20%22Pandas%20Profiling%20Report%22%2C%20%22dataset%22%3A%20%7B%22description%22%3A%20%22%22%2C%2

Variables

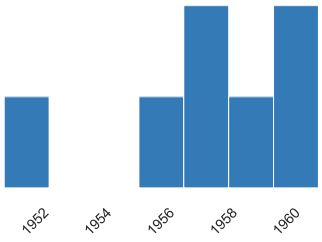
df_index

Real number ($\mathbb{R}_{\geq 0}$)

HIGH CORRELATION (This variable has a high correlation with 7 fields: N.Amer, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: N.Amer, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: N.Amer, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: N.Amer, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)
UNIQUE

Distinct	7
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	1957.428571

Minimum	1951
Maximum	1961
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	184.0 B

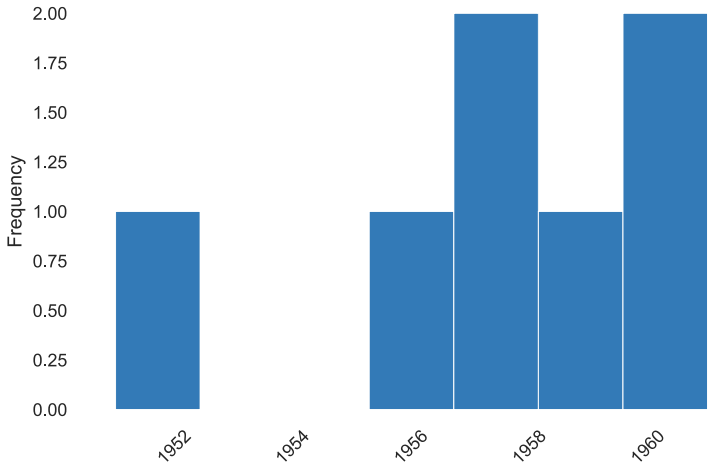


Quantile statistics

Minimum	1951
5-th percentile	1952.5
Q1	1956.5
median	1958
Q3	1959.5
95-th percentile	1960.7
Maximum	1961
Range	10
Interquartile range (IQR)	3

Descriptive statistics

Standard deviation	3.309438163
Coefficient of variation (CV)	0.001690706987
Kurtosis	2.087773157
Mean	1957.428571
Median Absolute Deviation (MAD)	2
Skewness	-1.300627966
Sum	13702
Variance	10.95238095
Monotonicity	Strictly increasing



Histogram with fixed size bins (bins=7)

Value	Count	Frequency (%)
1951	1	14.3%
1956	1	14.3%
1957	1	14.3%
1958	1	14.3%
1959	1	14.3%
1960	1	14.3%
1961	1	14.3%

Value	Count	Frequency (%)
1951	1	14.3%
1956	1	14.3%
1957	1	14.3%
1958	1	14.3%
1959	1	14.3%
1960	1	14.3%
1961	1	14.3%

Value	Count	Frequency (%)
1961	1	14.3%
1960	1	14.3%
1959	1	14.3%
1958	1	14.3%
1957	1	14.3%
1956	1	14.3%
1951	1	14.3%

N.Amer

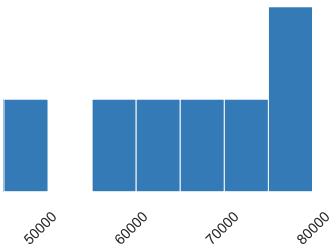
Real number ($\mathbb{R}_{\geq 0}$)

HIGH

CORRELATION (This variable has a high correlation with 7 fields: df index, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, Europe, Asia, S.Amer, Oceania, Africa, Mid.Amer)
UNIQUE

Distinct	7
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	66747.57143

Minimum	45939
Maximum	79831
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	184.0 B



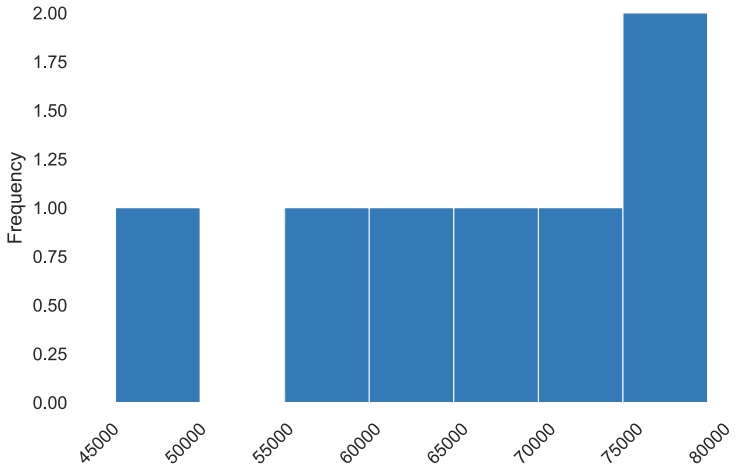
Quantile statistics

Minimum	45939
5-th percentile	50284.2
Q1	62572
median	68484
Q3	73917.5
95-th percentile	78692.5
Maximum	79831
Range	33892
Interquartile range (IQR)	11345.5

Descriptive statistics

Standard deviation	11277.46251
Coefficient of variation (CV)	0.1689568964
Kurtosis	1.134981714
Mean	66747.57143

Median Absolute Deviation (MAD)	7552
Skewness	-0.9917633619
Sum	467233
Variance	127181160.6
Monotonicity	Strictly increasing



Histogram with fixed size bins (bins=7)

Value	Count	Frequency (%)
45939	1	14.3%
60423	1	14.3%
64721	1	14.3%
68484	1	14.3%
71799	1	14.3%
76036	1	14.3%
79831	1	14.3%

Value	Count	Frequency (%)
45939	1	14.3%
60423	1	14.3%
64721	1	14.3%
68484	1	14.3%
71799	1	14.3%
76036	1	14.3%
79831	1	14.3%

Value	Count	Frequency (%)
79831	1	14.3%
76036	1	14.3%
71799	1	14.3%
68484	1	14.3%
64721	1	14.3%
60423	1	14.3%
45939	1	14.3%

Europe

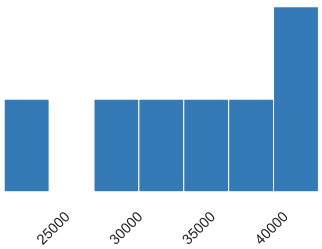
Real number ($\mathbb{R}_{\geq 0}$)

HIGH

CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Asia, S.Amer, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Asia, S.Amer, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Asia, S.Amer, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Asia, S.Amer, Oceania, Africa, Mid.Amer)
UNIQUE

Distinct	7
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	34343.42857

Minimum	21574
Maximum	43173
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	184.0 B



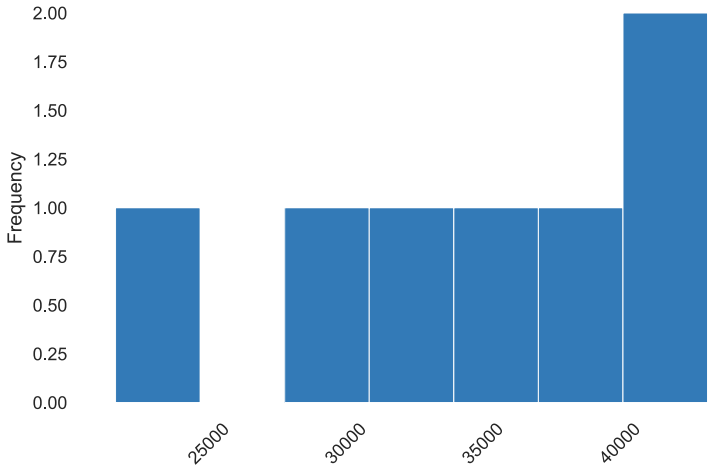
Quantile statistics

Minimum	21574
5-th percentile	24098.8
Q1	31250
median	35218
Q3	38969.5
95-th percentile	42323.4
Maximum	43173
Range	21599
Interquartile range (IQR)	7719.5

Descriptive statistics

Standard deviation	7195.616857
Coefficient of variation (CV)	0.2095194672
Kurtosis	0.5956680258
Mean	34343.42857

Median Absolute Deviation (MAD)	5123
Skewness	-0.7713256525
Sum	240404
Variance	51776901.95
Monotonicity	Strictly increasing



Histogram with fixed size bins (bins=7)

Value	Count	Frequency (%)
21574	1	14.3%
29990	1	14.3%
32510	1	14.3%
35218	1	14.3%
37598	1	14.3%
40341	1	14.3%
43173	1	14.3%

Value	Count	Frequency (%)
21574	1	14.3%
29990	1	14.3%
32510	1	14.3%
35218	1	14.3%
37598	1	14.3%
40341	1	14.3%
43173	1	14.3%

Value	Count	Frequency (%)
43173	1	14.3%
40341	1	14.3%
37598	1	14.3%
35218	1	14.3%
32510	1	14.3%
29990	1	14.3%
21574	1	14.3%

Asia

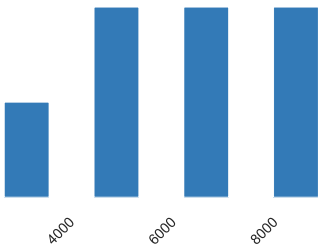
Real number ($\mathbb{R}_{\geq 0}$)

HIGH

CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Europe, S.Amer, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Europe, S.Amer, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Europe, S.Amer, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Europe, S.Amer, Oceania, Africa, Mid.Amer)
UNIQUE

Distinct	7
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	6229.285714

Minimum	2876
Maximum	9053
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	184.0 B



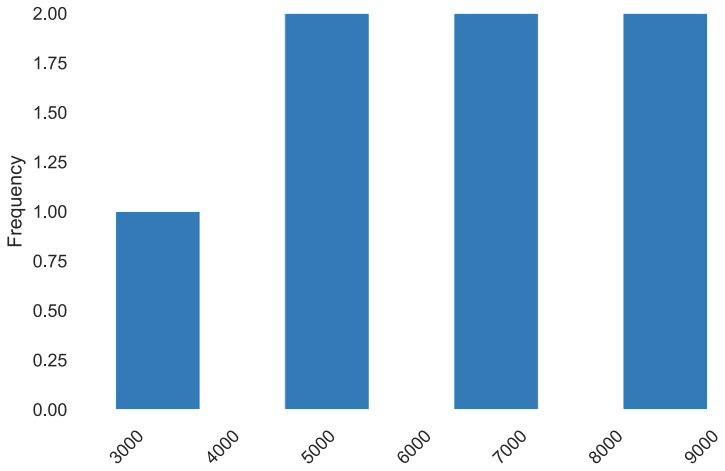
Quantile statistics

Minimum	2876
5-th percentile	3425.6
Q1	4969
median	6662
Q3	7538
95-th percentile	8803.1
Maximum	9053
Range	6177
Interquartile range (IQR)	2569

Descriptive statistics

Standard deviation	2124.214578
Coefficient of variation (CV)	0.3410045188
Kurtosis	-0.5349868772
Mean	6229.285714

Median Absolute Deviation (MAD)	1558
Skewness	-0.279801558
Sum	43605
Variance	4512287.571
Monotonicity	Strictly increasing



Histogram with fixed size bins (bins=7)

Value	Count	Frequency (%)
2876	1	14.3%
4708	1	14.3%
5230	1	14.3%
6662	1	14.3%
6856	1	14.3%
8220	1	14.3%
9053	1	14.3%

Value	Count	Frequency (%)
2876	1	14.3%
4708	1	14.3%
5230	1	14.3%
6662	1	14.3%
6856	1	14.3%
8220	1	14.3%
9053	1	14.3%

Value	Count	Frequency (%)
9053	1	14.3%
8220	1	14.3%
6856	1	14.3%
6662	1	14.3%
5230	1	14.3%
4708	1	14.3%
2876	1	14.3%

S.Amer

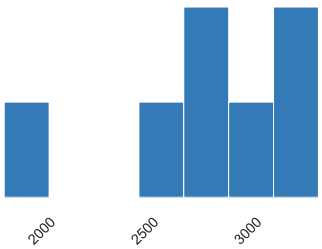
Real number ($\mathbb{R}_{\geq 0}$)

HIGH

CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Europe, Asia, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Europe, Asia, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Europe, Asia, Oceania, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Europe, Asia, Oceania, Africa, Mid.Amer)
UNIQUE

Distinct	7
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	2772.285714

Minimum	1815
Maximum	3338
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	184.0 B



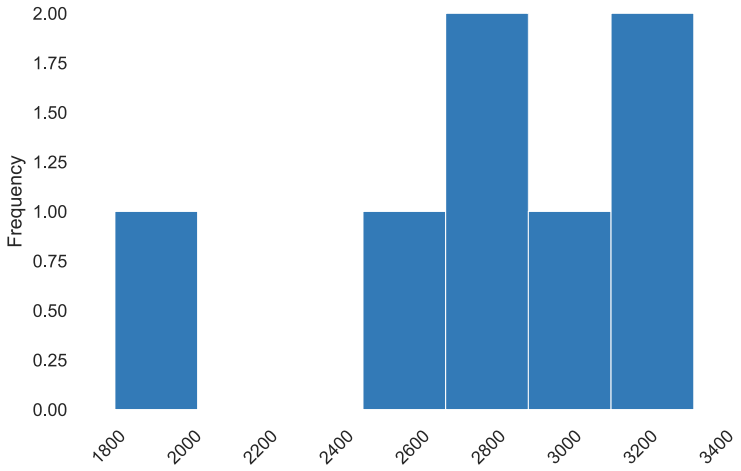
Quantile statistics

Minimum	1815
5-th percentile	2040.9
Q1	2631.5
median	2845
Q3	3072.5
95-th percentile	3280.1
Maximum	3338
Range	1523
Interquartile range (IQR)	441

Descriptive statistics

Standard deviation	496.6875994
Coefficient of variation (CV)	0.1791617642
Kurtosis	2.007096348
Mean	2772.285714

Median Absolute Deviation (MAD)	277
Skewness	-1.221059714
Sum	19406
Variance	246698.5714
Monotonicity	Strictly increasing



Histogram with fixed size bins (bins=7)

Value	Count	Frequency (%)
1815	1	14.3%
2568	1	14.3%
2695	1	14.3%
2845	1	14.3%
3000	1	14.3%
3145	1	14.3%
3338	1	14.3%

Value	Count	Frequency (%)
1815	1	14.3%
2568	1	14.3%
2695	1	14.3%
2845	1	14.3%
3000	1	14.3%
3145	1	14.3%
3338	1	14.3%

Value	Count	Frequency (%)
3338	1	14.3%
3145	1	14.3%
3000	1	14.3%
2845	1	14.3%
2695	1	14.3%
2568	1	14.3%
1815	1	14.3%

Oceania

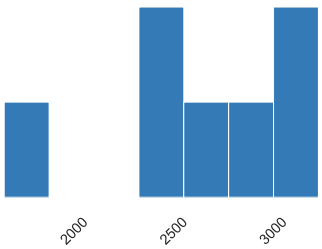
Real number ($\mathbb{R}_{\geq 0}$)

HIGH

CORRELATION (This variable has a high correlation with 7 fields: df_index, N.Amer, Europe, Asia, S.Amer, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df_index, N.Amer, Europe, Asia, S.Amer, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df_index, N.Amer, Europe, Asia, S.Amer, Africa, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df_index, N.Amer, Europe, Asia, S.Amer, Africa, Mid.Amer)
UNIQUE

Distinct	7
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	2625

Minimum	1646
Maximum	3224
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	184.0 B



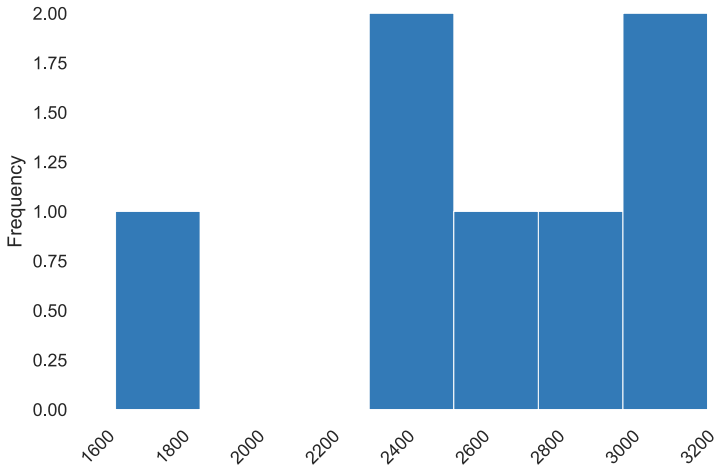
Quantile statistics

Minimum	1646
5-th percentile	1862
Q1	2446
median	2691
Q3	2961
95-th percentile	3173
Maximum	3224
Range	1578
Interquartile range (IQR)	515

Descriptive statistics

Standard deviation	523.0630937
Coefficient of variation (CV)	0.1992621309
Kurtosis	1.391191491
Mean	2625

Median Absolute Deviation (MAD)	325
Skewness	-1.056787207
Sum	18375
Variance	273595
Monotonicity	Strictly increasing



Histogram with fixed size bins (bins=7)

Value	Count	Frequency (%)
1646	1	14.3%
2366	1	14.3%
2526	1	14.3%
2691	1	14.3%
2868	1	14.3%
3054	1	14.3%
3224	1	14.3%

Value	Count	Frequency (%)
1646	1	14.3%
2366	1	14.3%
2526	1	14.3%
2691	1	14.3%
2868	1	14.3%
3054	1	14.3%
3224	1	14.3%

Value	Count	Frequency (%)
3224	1	14.3%
3054	1	14.3%
2868	1	14.3%
2691	1	14.3%
2526	1	14.3%
2366	1	14.3%
1646	1	14.3%

Africa

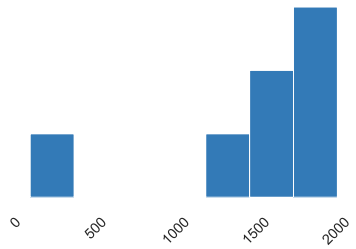
Real number ($\mathbb{R}_{\geq 0}$)

HIGH

CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Europe, Asia, S.Amer, Oceania, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Europe, Asia, S.Amer, Oceania, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Europe, Asia, S.Amer, Oceania, Mid.Amer)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df index, N.Amer, Europe, Asia, S.Amer, Oceania, Mid.Amer)
UNIQUE

Distinct	7
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	1484

Minimum	89
Maximum	2005
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	184.0 B



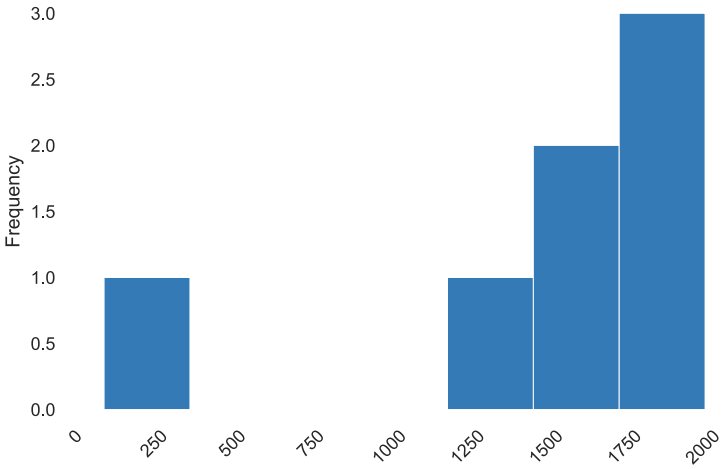
Quantile statistics

Minimum	89
5-th percentile	485.6
Q1	1478.5
median	1663
Q3	1837
95-th percentile	1975
Maximum	2005
Range	1916
Interquartile range (IQR)	358.5

Descriptive statistics

Standard deviation	647.7069811
Coefficient of variation (CV)	0.4364602298
Kurtosis	4.94027386
Mean	1484

Median Absolute Deviation (MAD)	242
Skewness	-2.120928494
Sum	10388
Variance	419524.3333
Monotonicity	Strictly increasing



Histogram with fixed size bins (bins=7)

Value	Count	Frequency (%)
89	1	14.3%
1411	1	14.3%
1546	1	14.3%
1663	1	14.3%
1769	1	14.3%
1905	1	14.3%
2005	1	14.3%

Value	Count	Frequency (%)
89	1	14.3%
1411	1	14.3%
1546	1	14.3%
1663	1	14.3%
1769	1	14.3%
1905	1	14.3%
2005	1	14.3%

Value	Count	Frequency (%)
2005	1	14.3%
1905	1	14.3%
1769	1	14.3%
1663	1	14.3%
1546	1	14.3%
1411	1	14.3%
89	1	14.3%

Mid.Amer

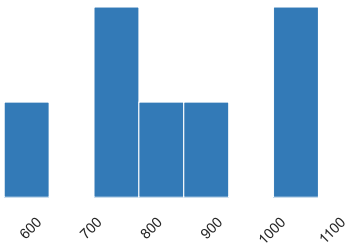
Real number ($\mathbb{R}_{\geq 0}$)

HIGH

CORRELATION (This variable has a high correlation with 7 fields: df_index, N.Amer, Europe, Asia, S.Amer, Oceania, Africa)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df_index, N.Amer, Europe, Asia, S.Amer, Oceania, Africa)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df_index, N.Amer, Europe, Asia, S.Amer, Oceania, Africa)
HIGH CORRELATION (This variable has a high correlation with 7 fields: df_index, N.Amer, Europe, Asia, S.Amer, Oceania, Africa)
UNIQUE

Distinct	7
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	841.7142857

Minimum	555
Maximum	1076
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	184.0 B



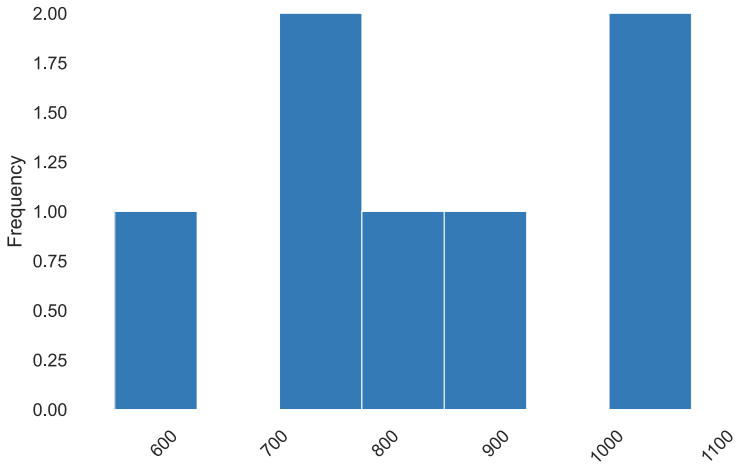
Quantile statistics

Minimum	555
5-th percentile	608.4
Q1	753
median	836
Q3	959.5
95-th percentile	1055.6
Maximum	1076
Range	521
Interquartile range (IQR)	206.5

Descriptive statistics

Standard deviation	176.1246853
Coefficient of variation (CV)	0.2092452133
Kurtosis	-0.2009108014
Mean	841.7142857

Median Absolute Deviation (MAD)	103
Skewness	-0.315549494
Sum	5892
Variance	31019.90476
Monotonicity	Strictly increasing



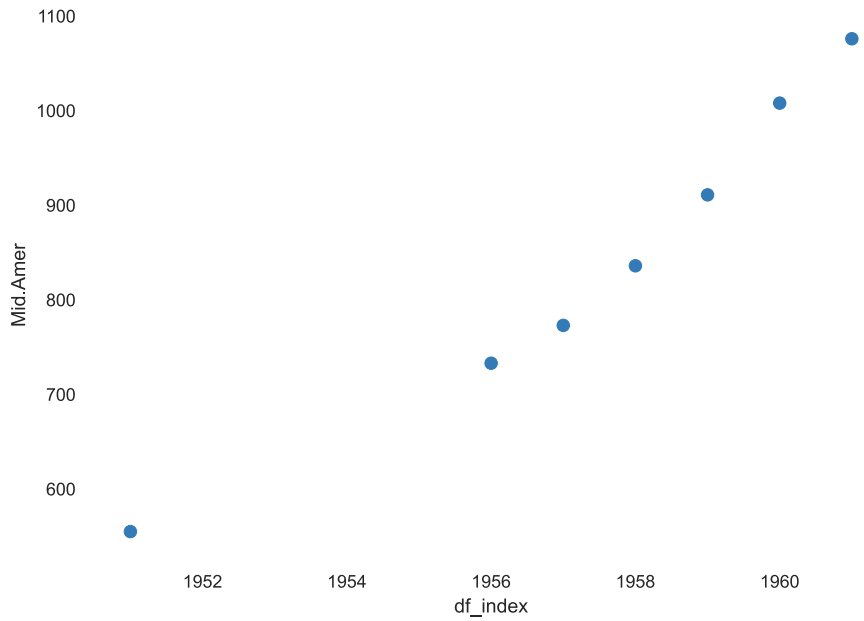
Histogram with fixed size bins (bins=7)

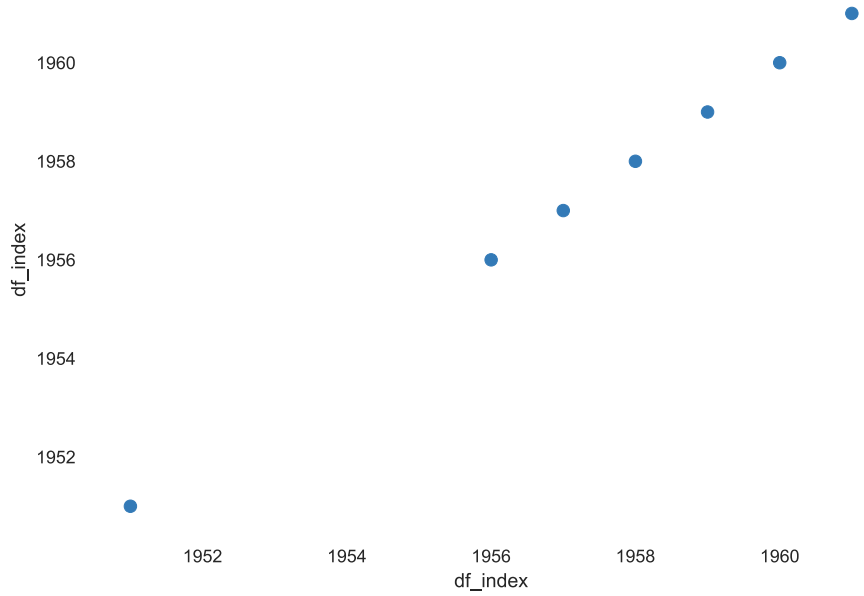
Value	Count	Frequency (%)
555	1	14.3%
733	1	14.3%
773	1	14.3%
836	1	14.3%
911	1	14.3%
1008	1	14.3%
1076	1	14.3%

Value	Count	Frequency (%)
555	1	14.3%
733	1	14.3%
773	1	14.3%
836	1	14.3%
911	1	14.3%
1008	1	14.3%
1076	1	14.3%

Value	Count	Frequency (%)
1076	1	14.3%
1008	1	14.3%
911	1	14.3%
836	1	14.3%
773	1	14.3%
733	1	14.3%
555	1	14.3%

Interactions

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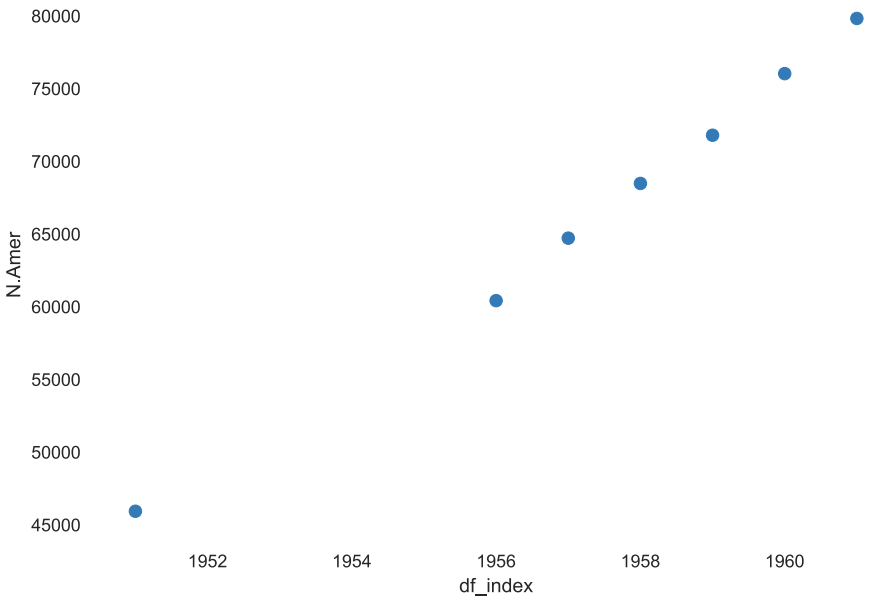
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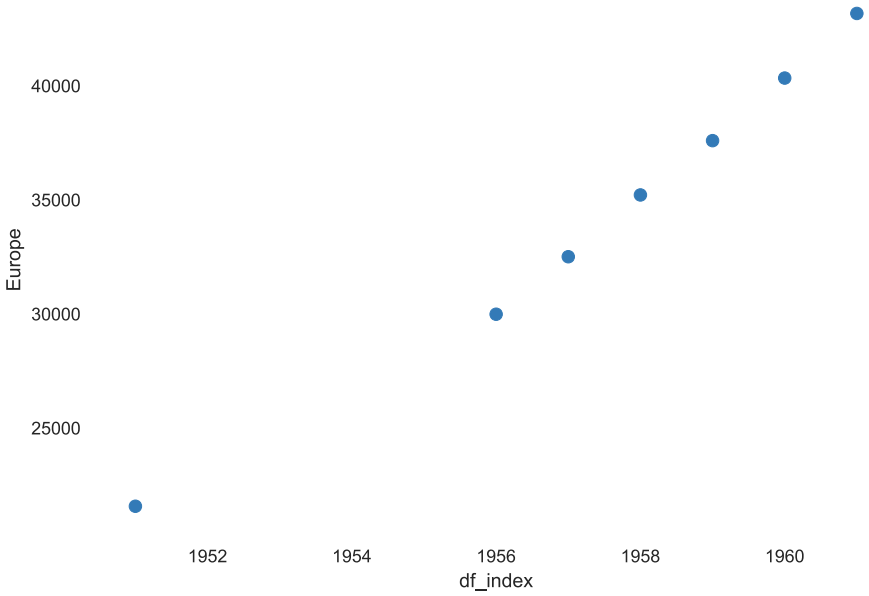
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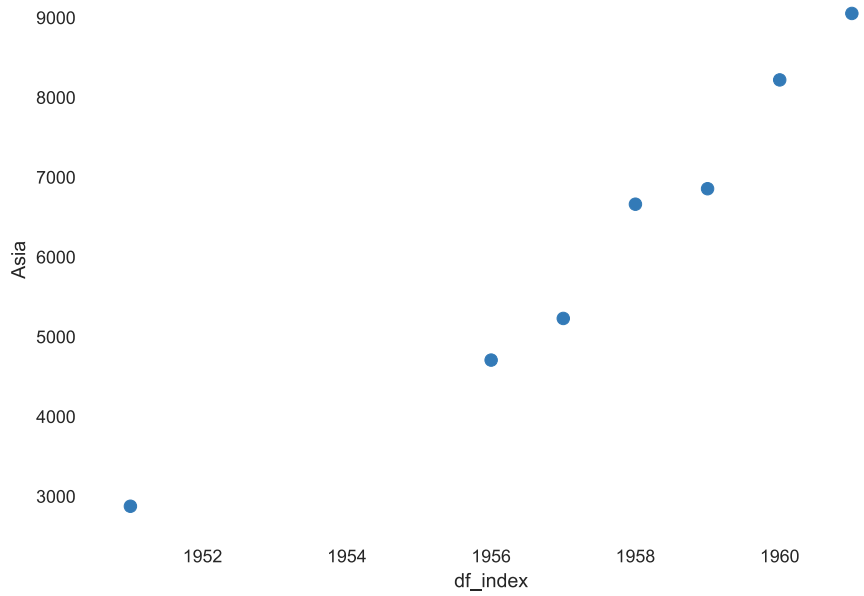
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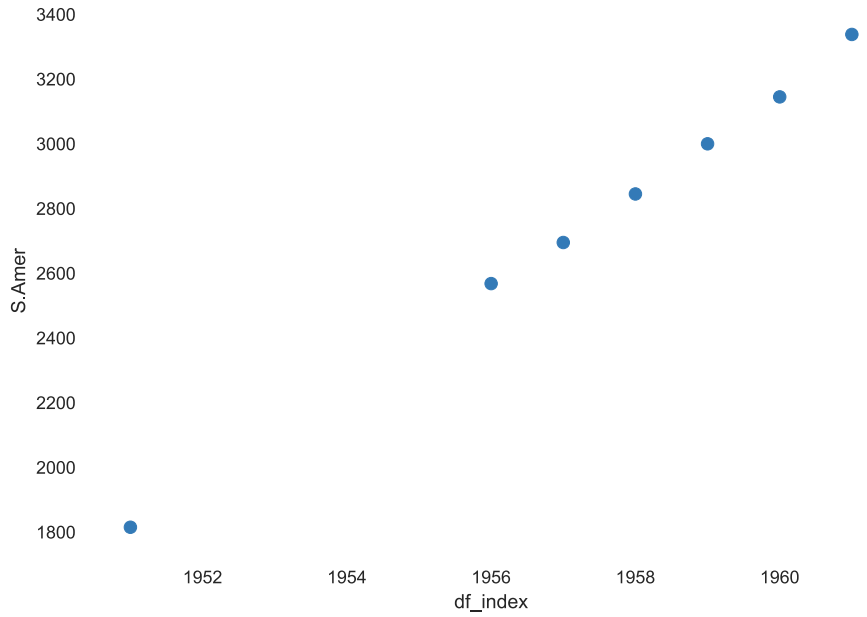
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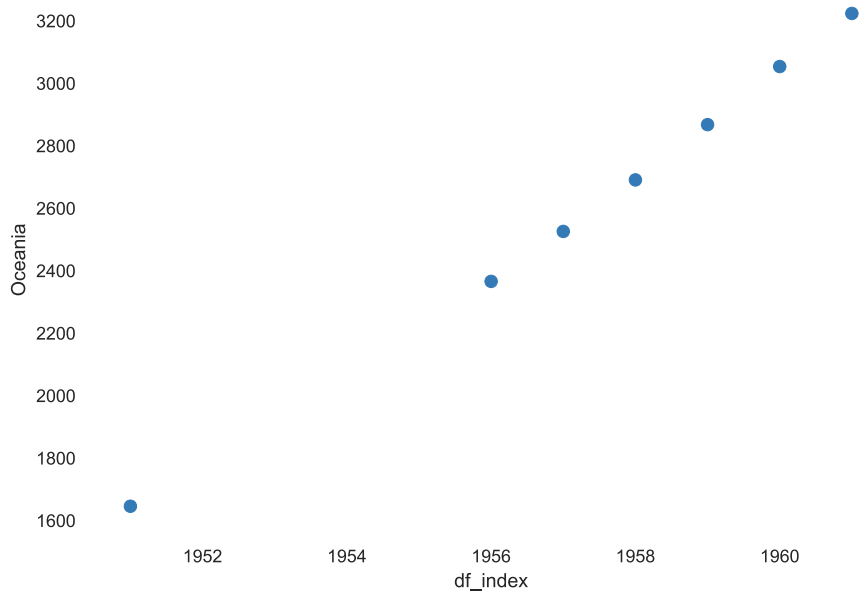
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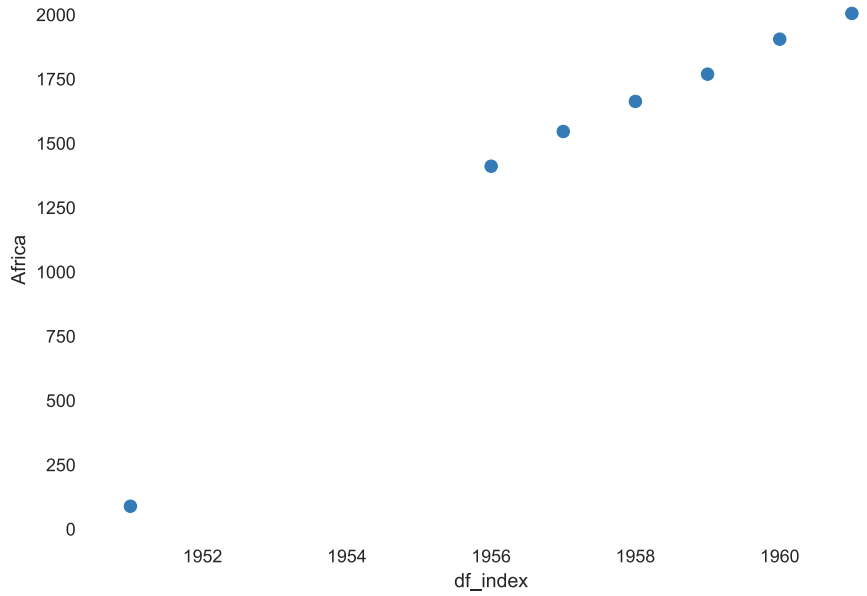
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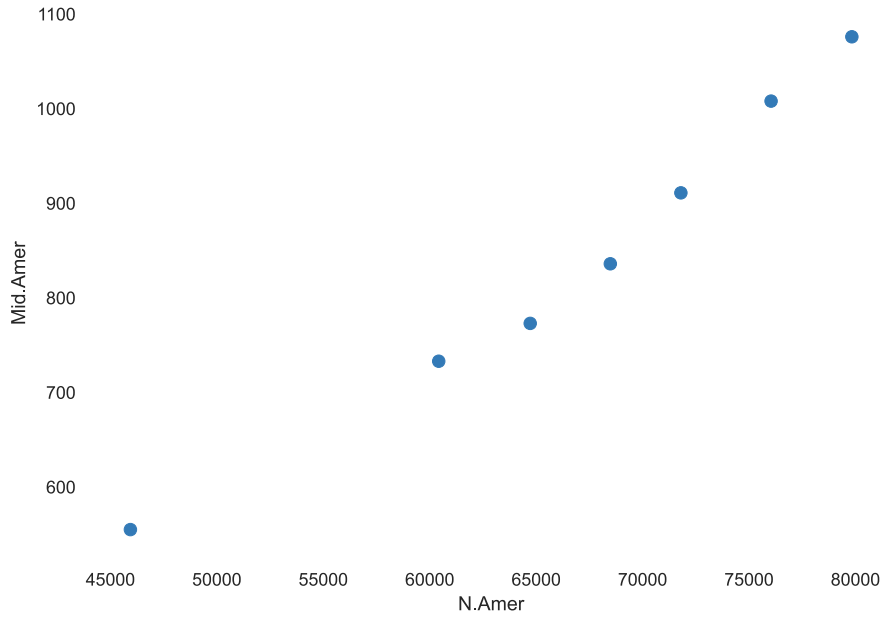
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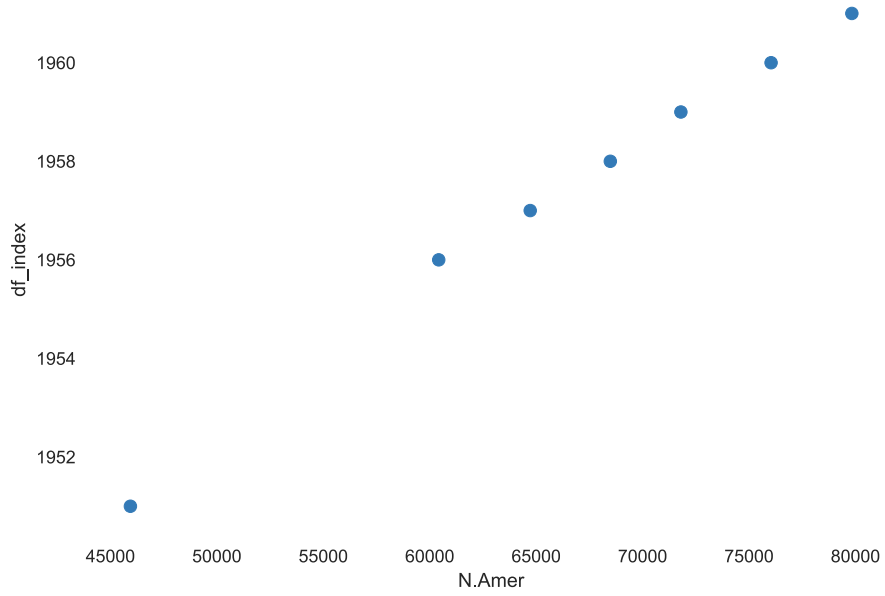
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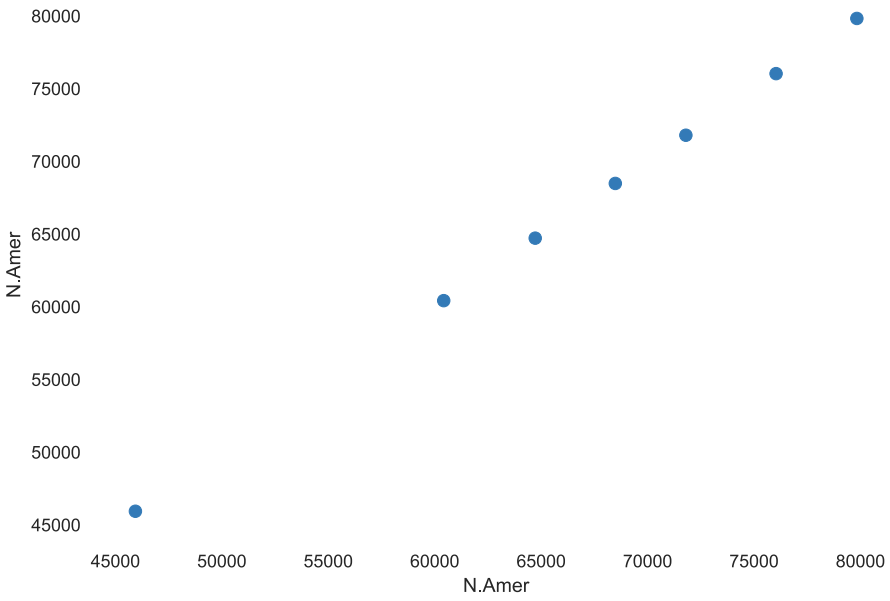
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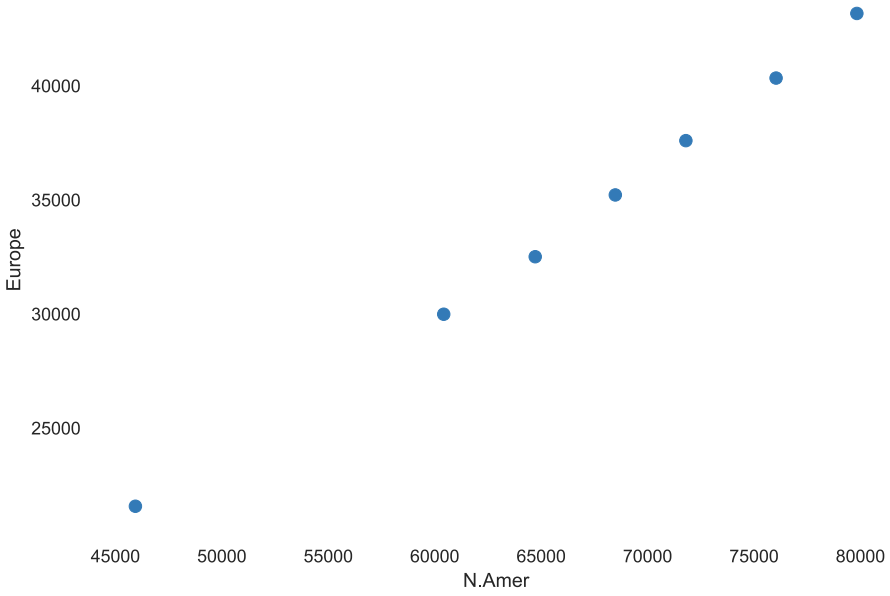
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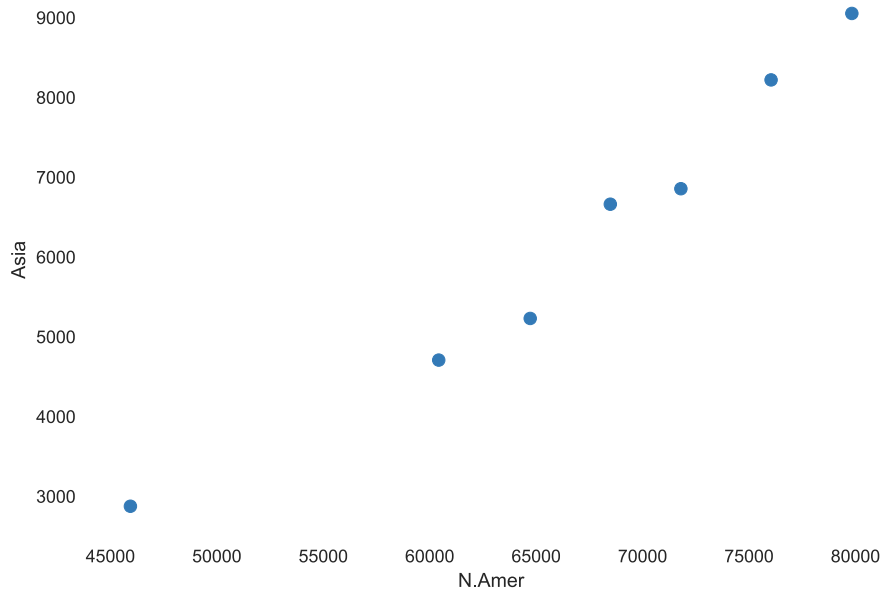
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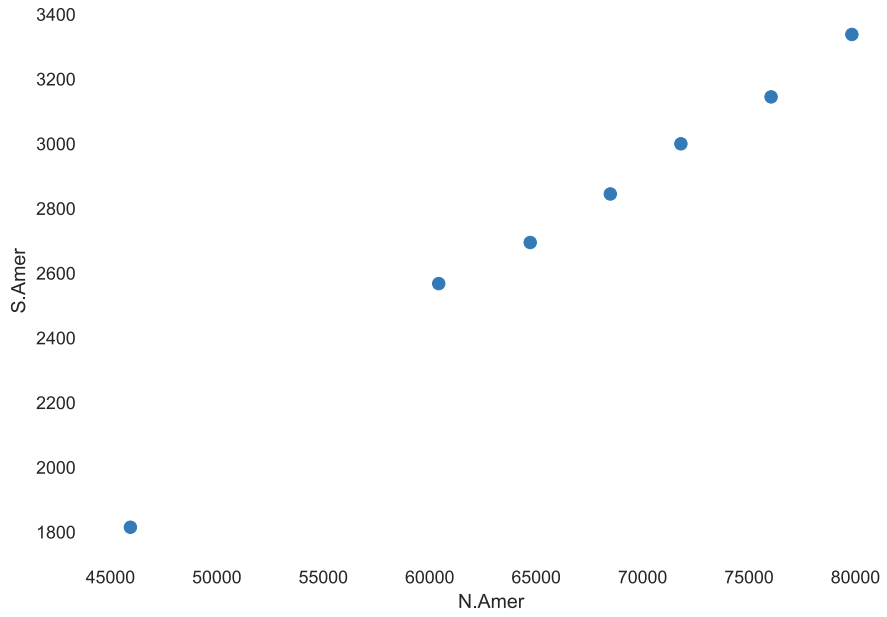
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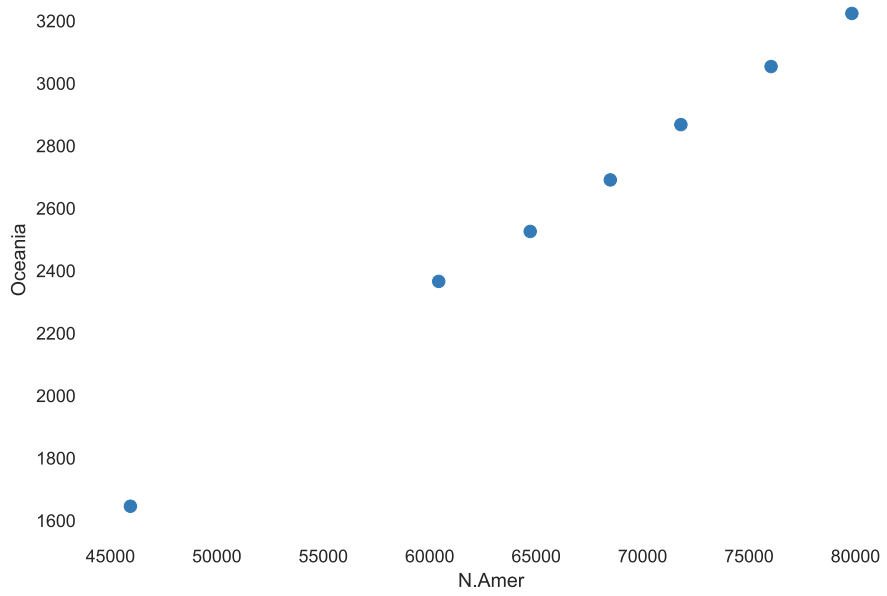
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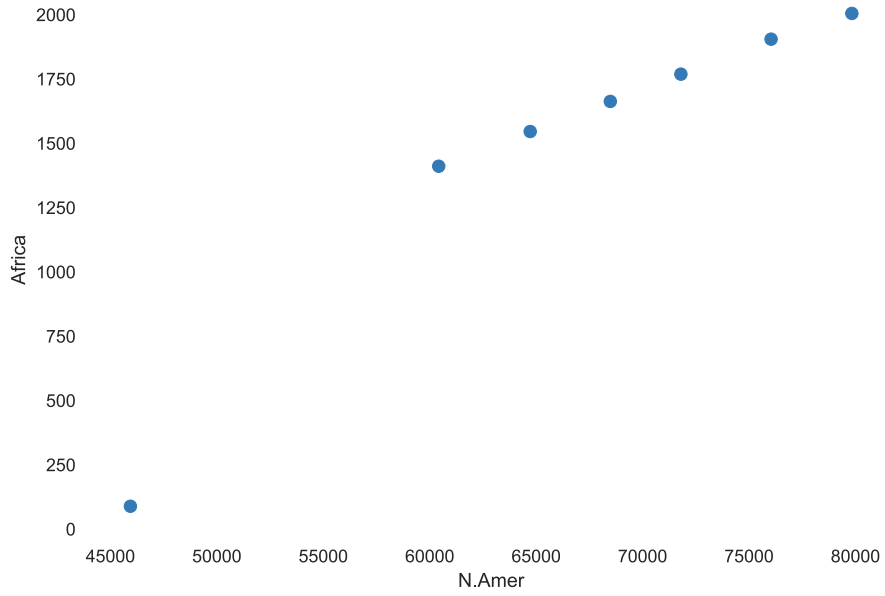
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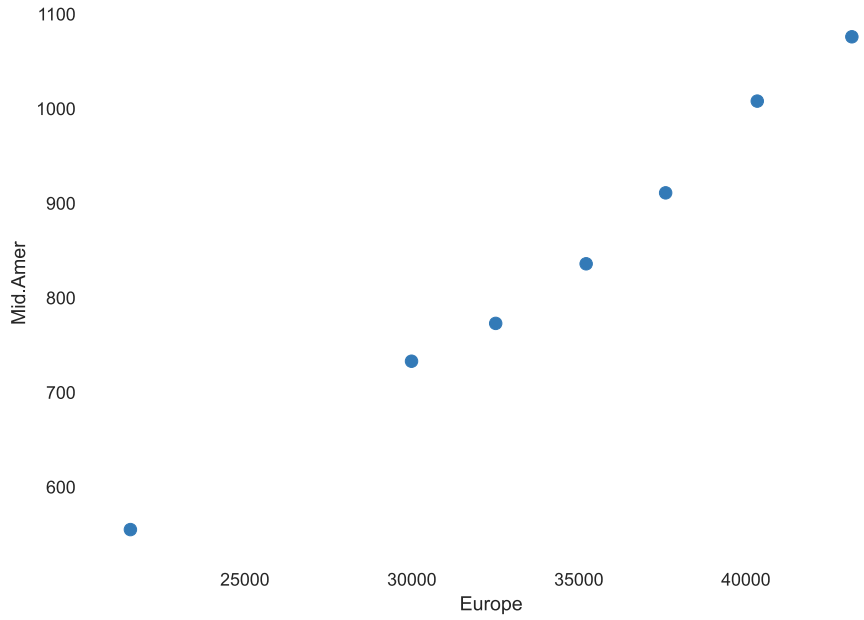
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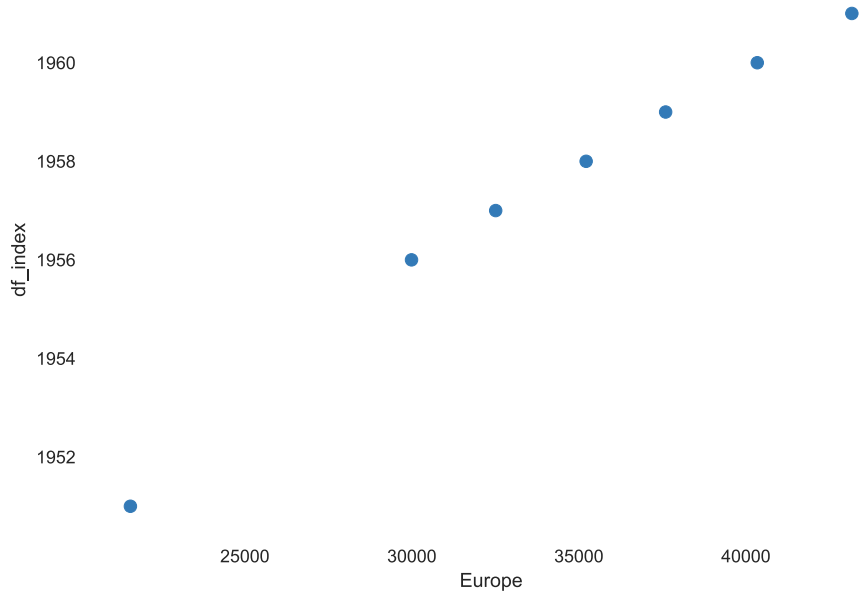
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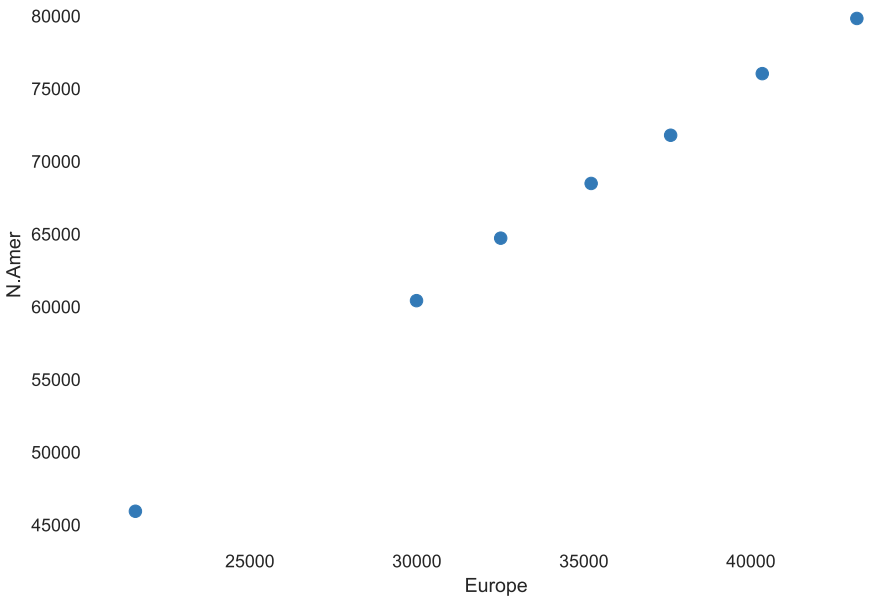
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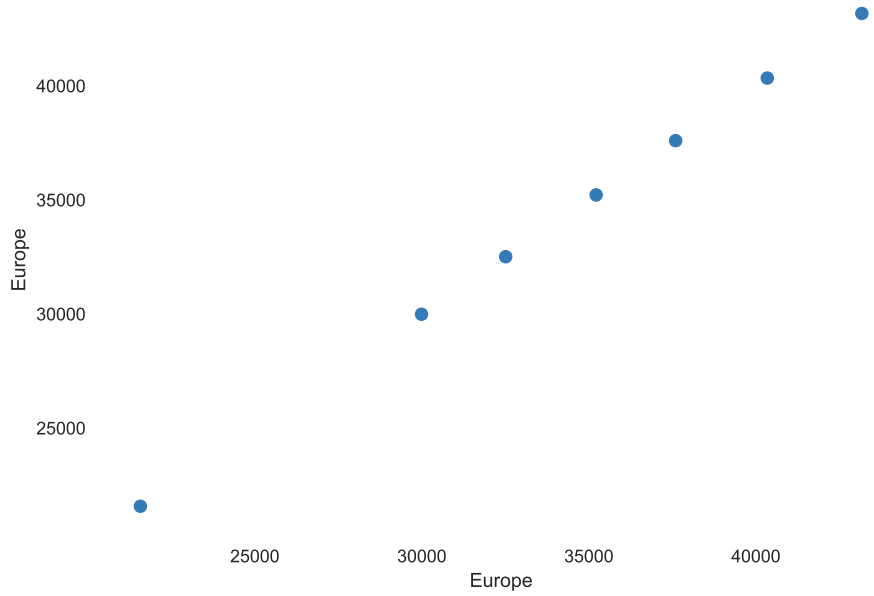
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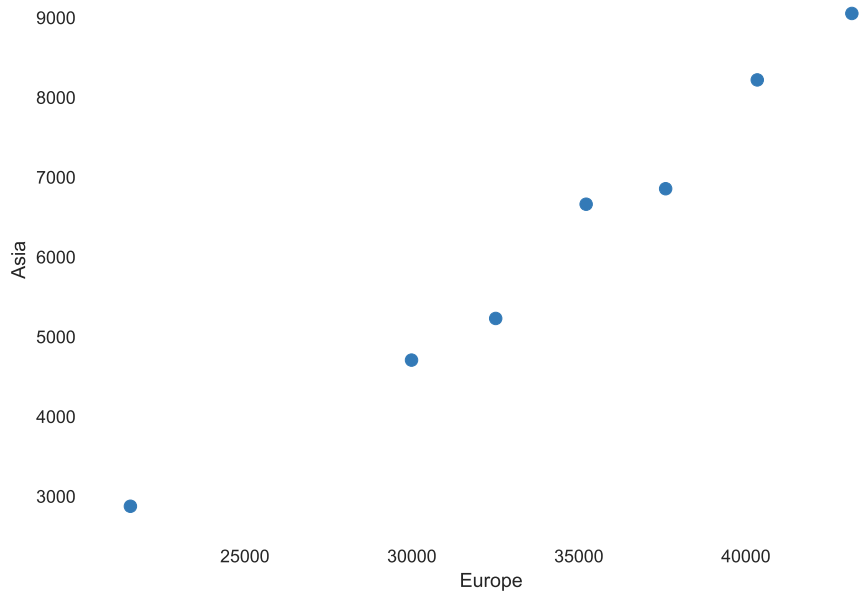
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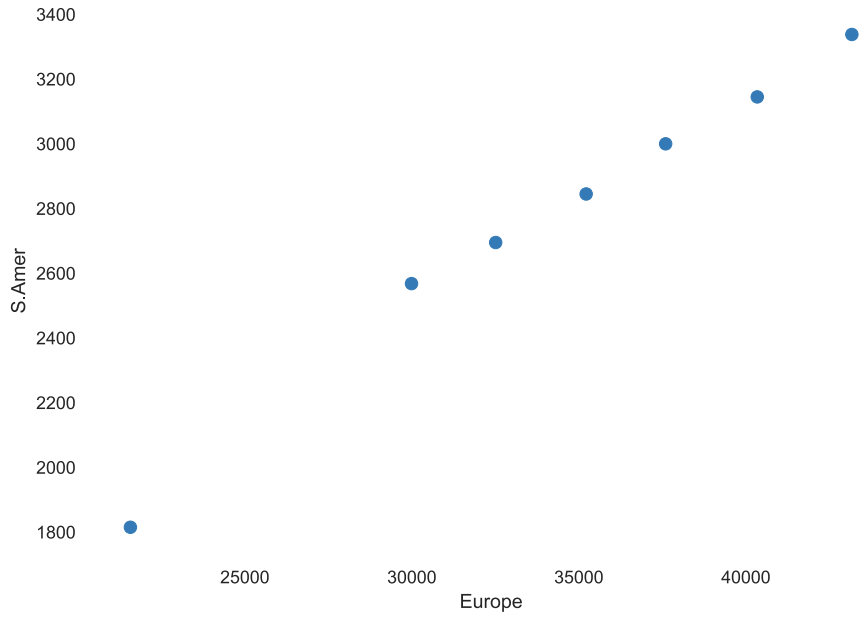
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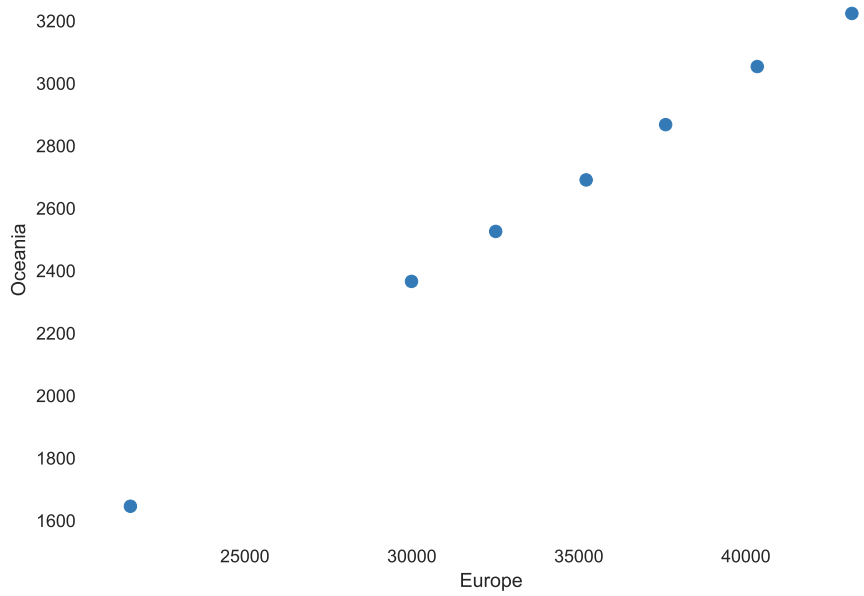
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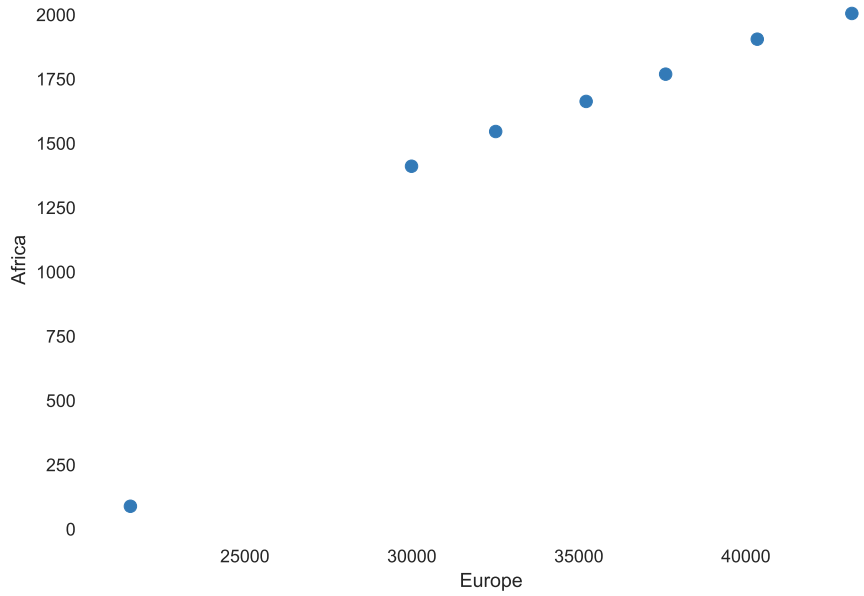
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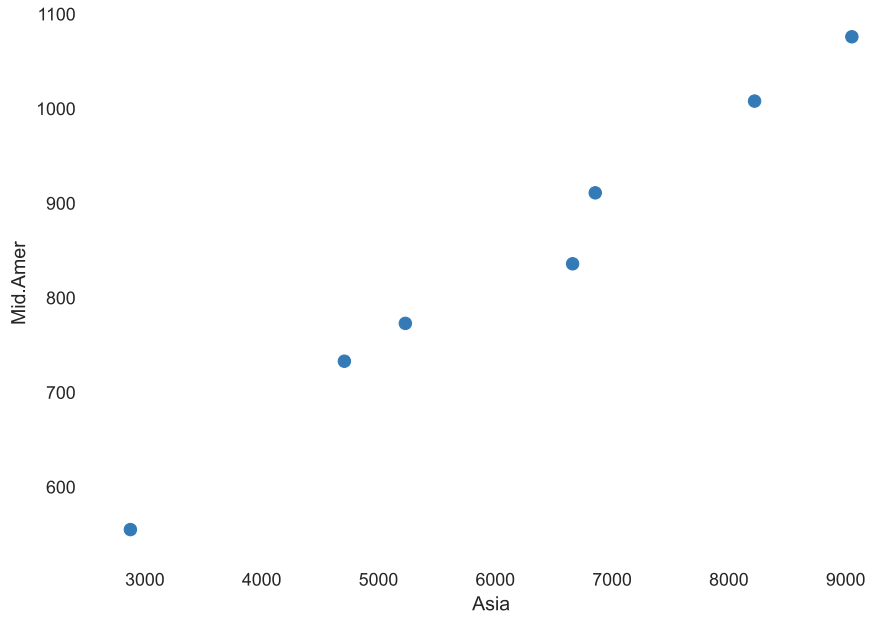
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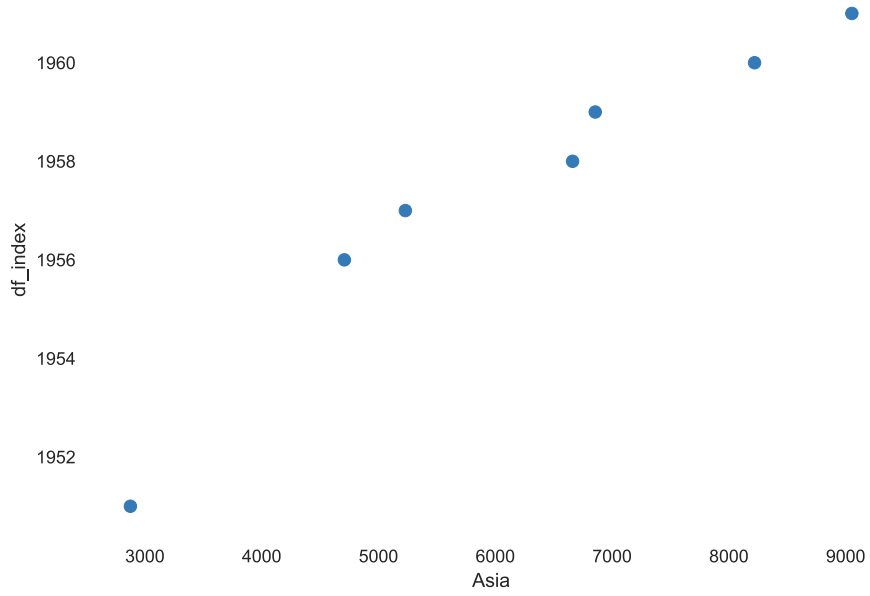
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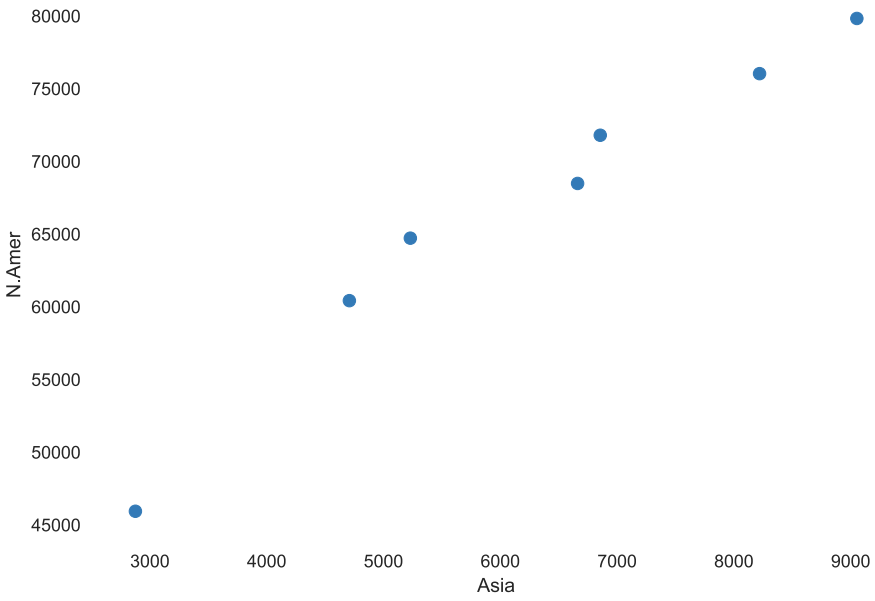
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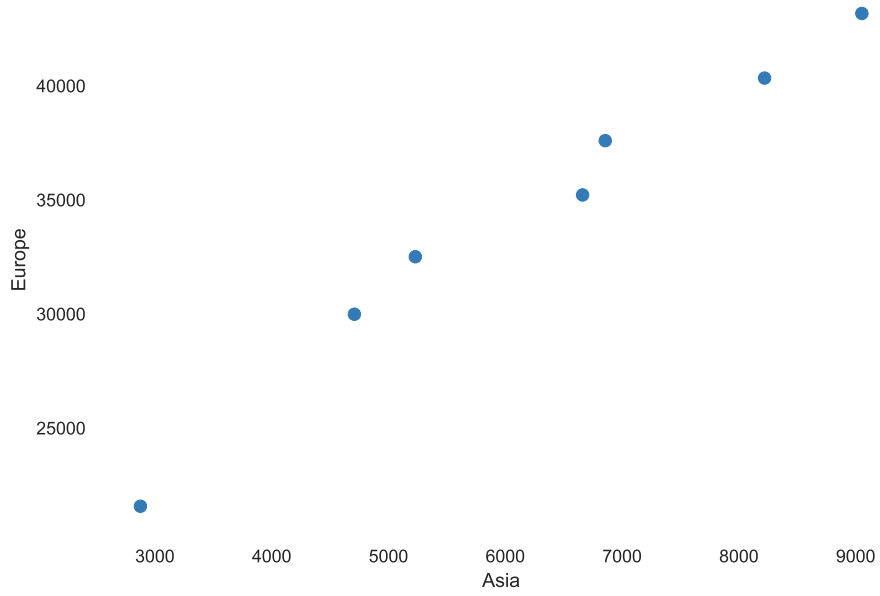
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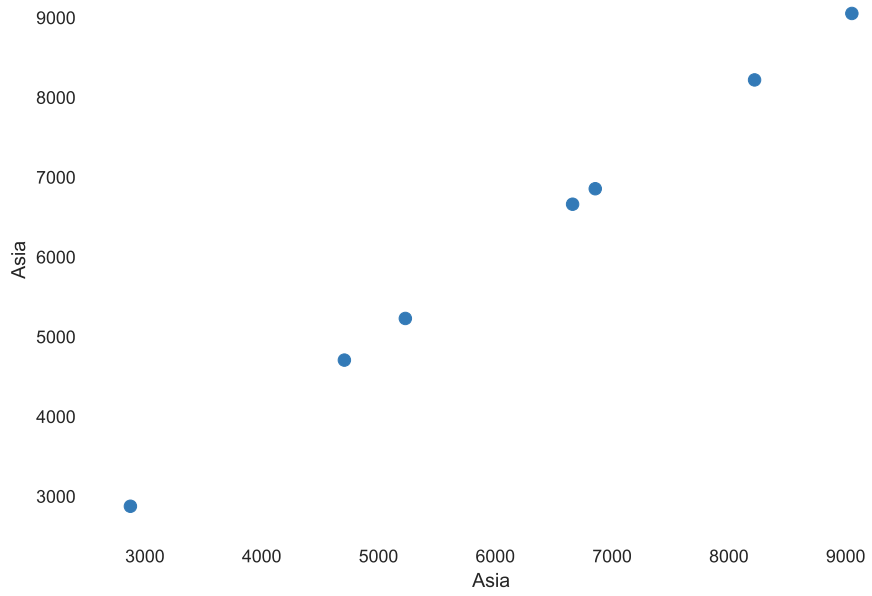
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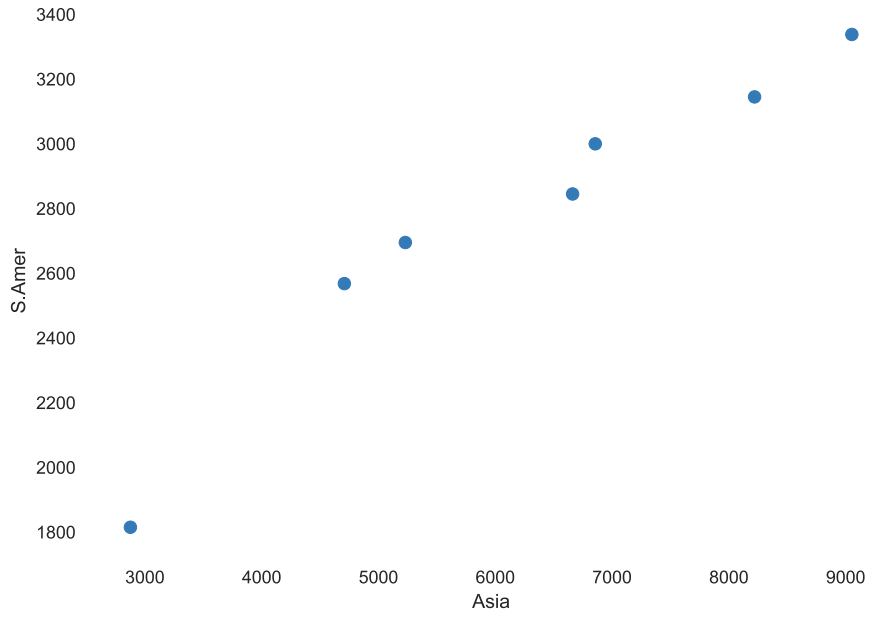
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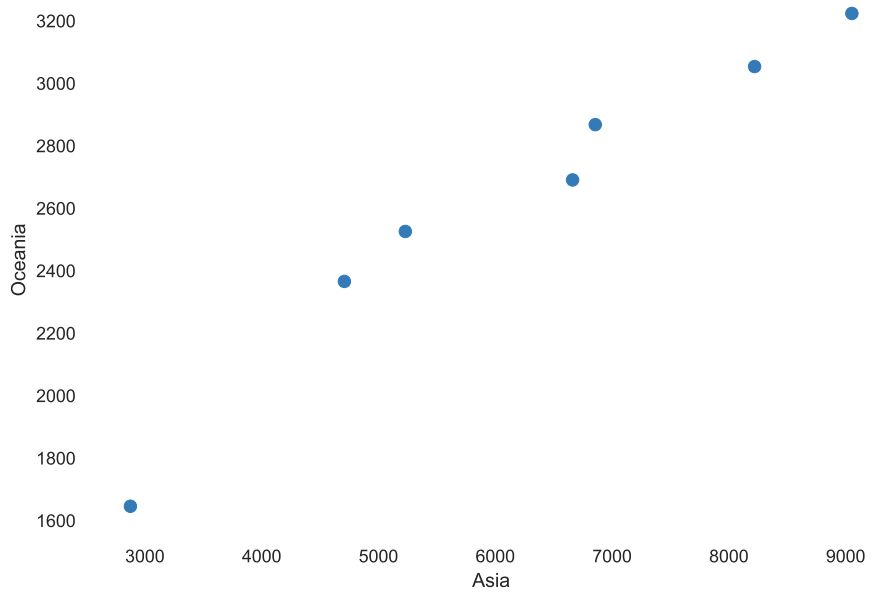
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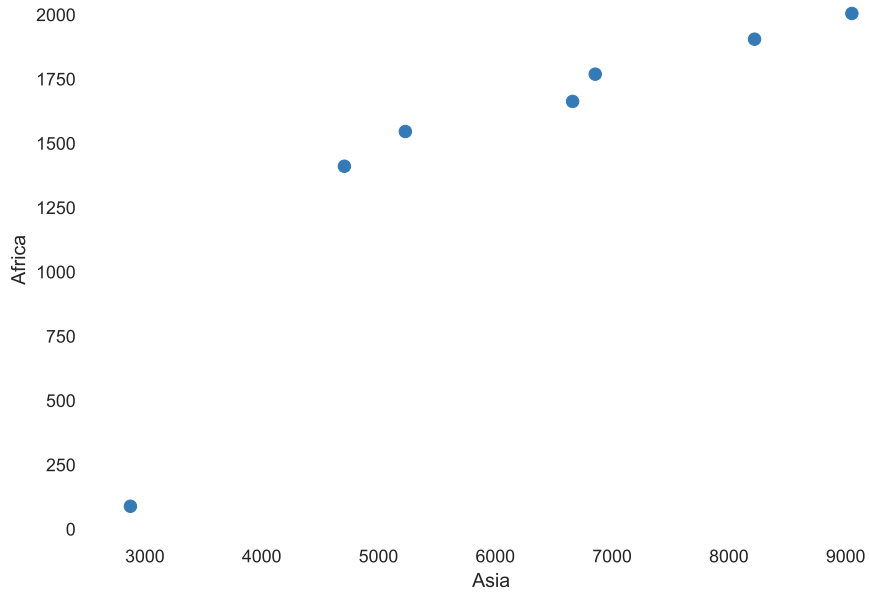
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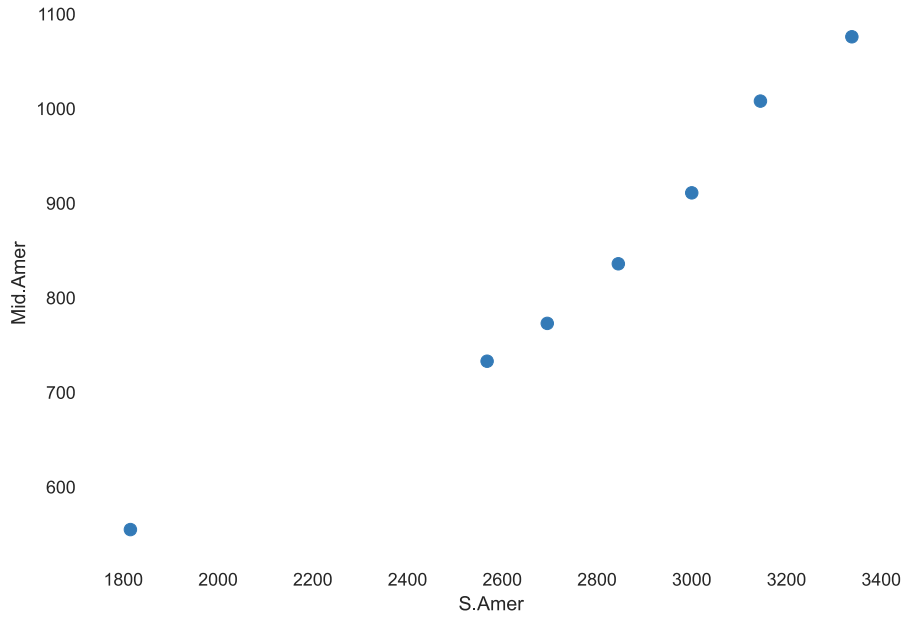
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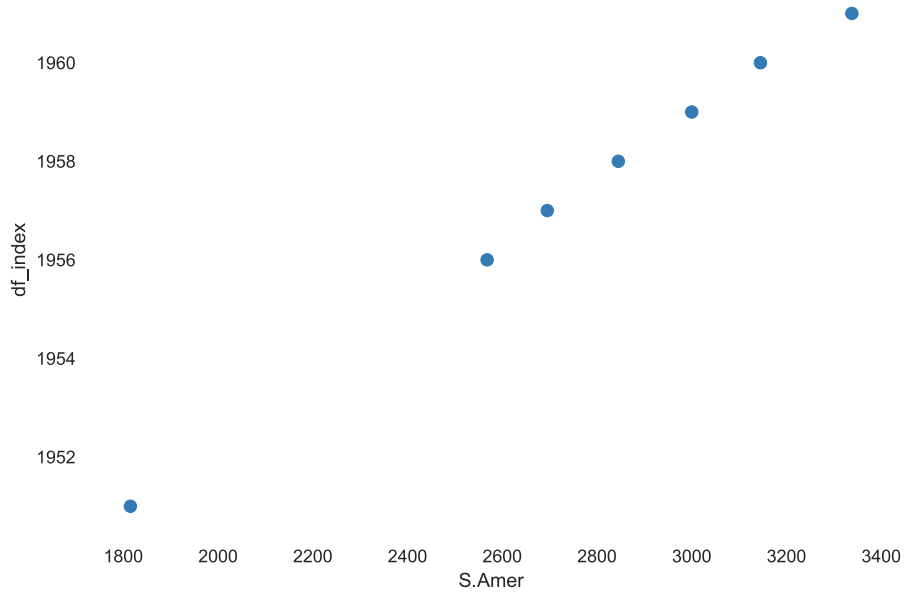
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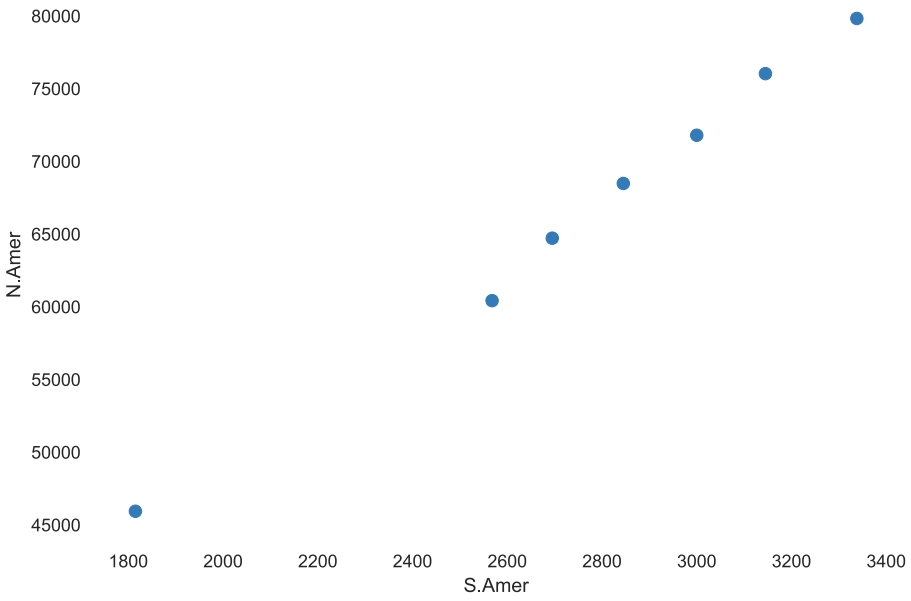
S.Amer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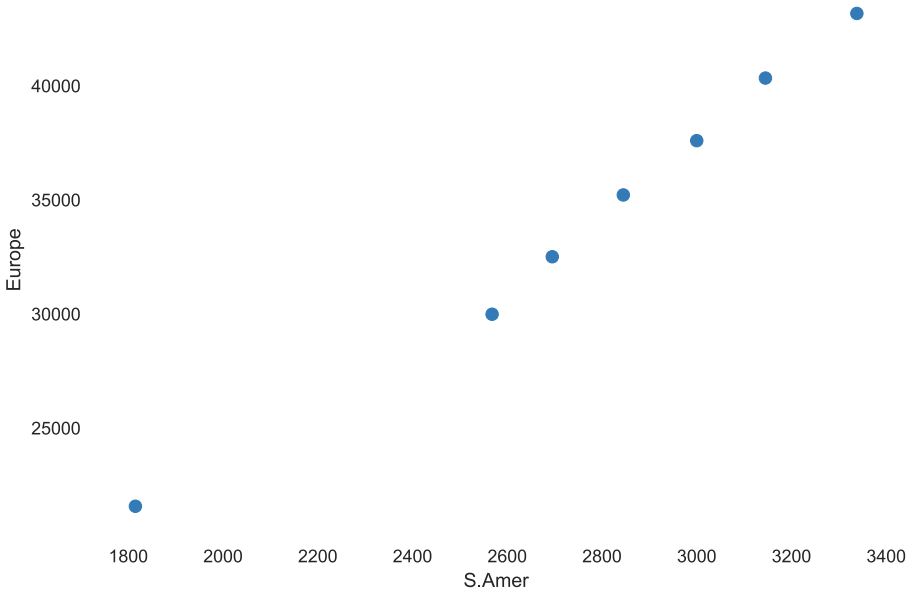
S.Amer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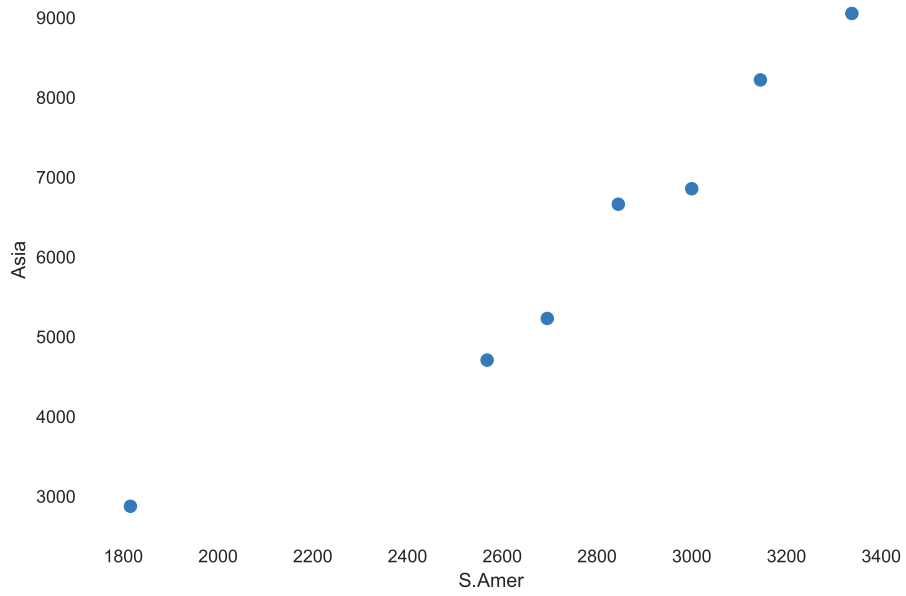
S.Amer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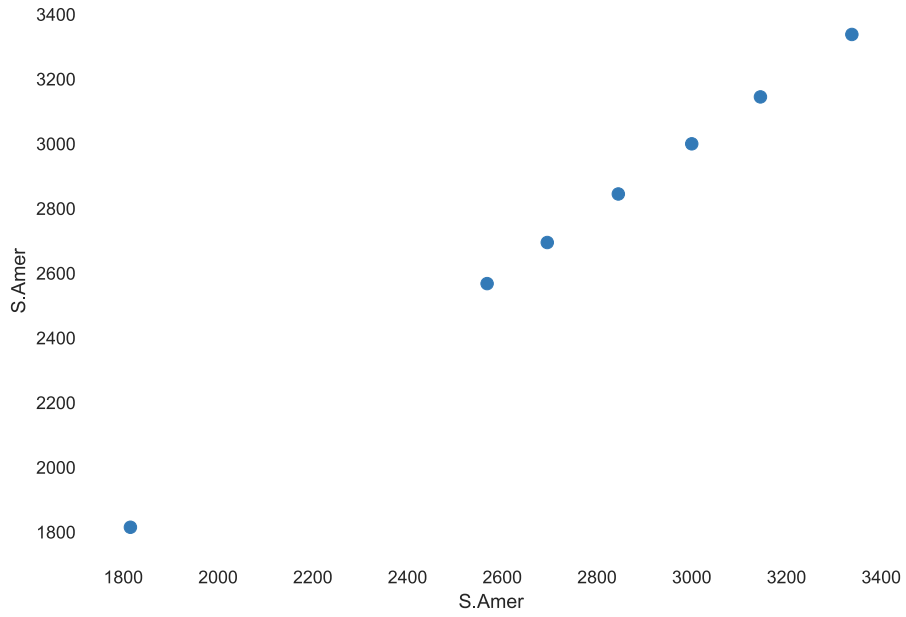
3400
S.Amer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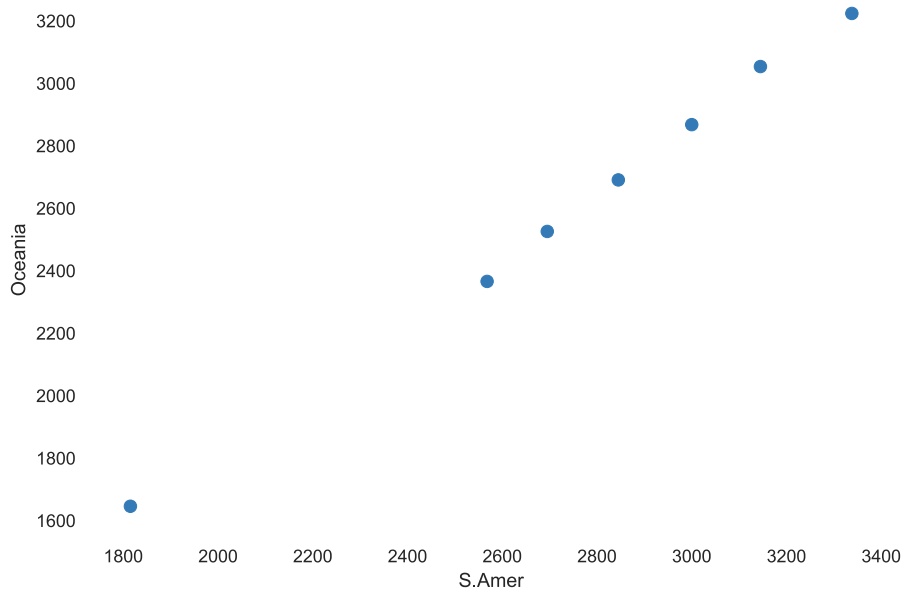
S.Amer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Oceania
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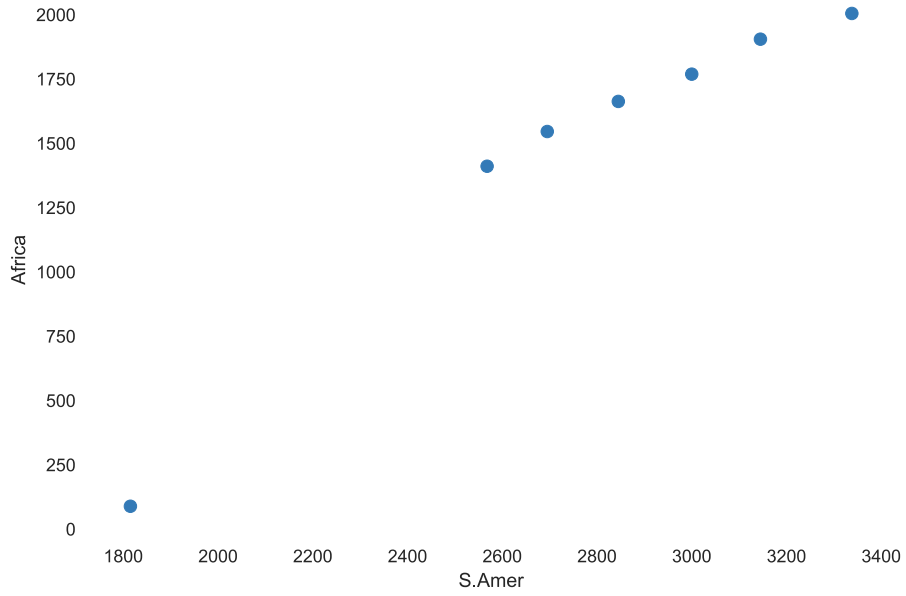
S.Amer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250
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Africa
1800
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2600
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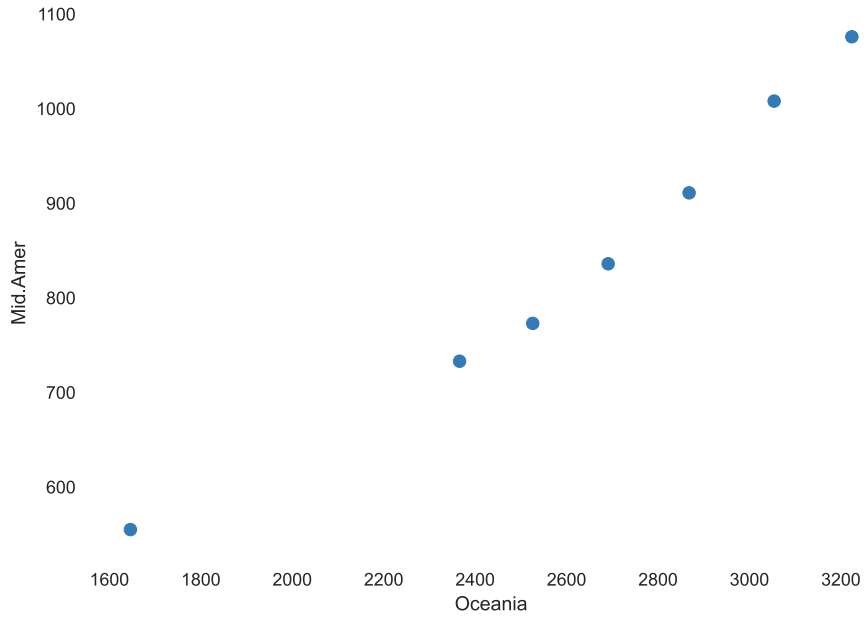
3200
3400
S.Amer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1000
900
800
700
600
Mid.Amer
1600
1800
2000
2200
2400
2600
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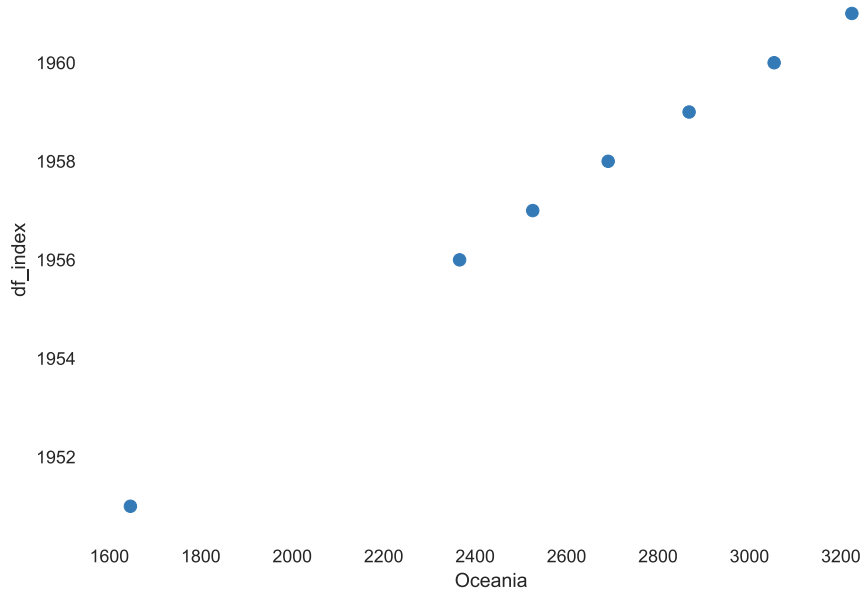
3000
3200
Oceania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1956
1954
1952
df_index
1600
1800
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2400
2600
2800
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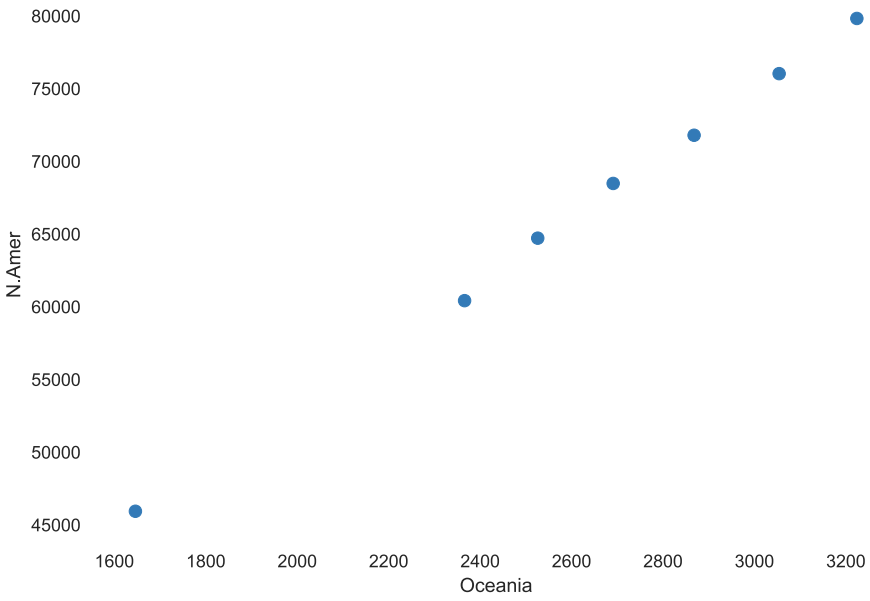
3200
Oceania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75000
70000
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45000
N.Amer
1600
1800
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3000
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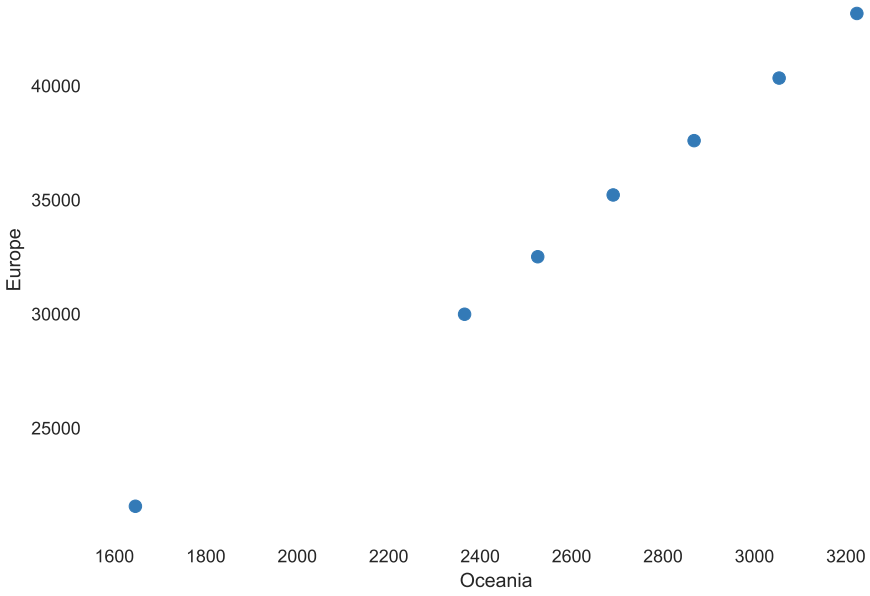
Oceania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Europe
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1800
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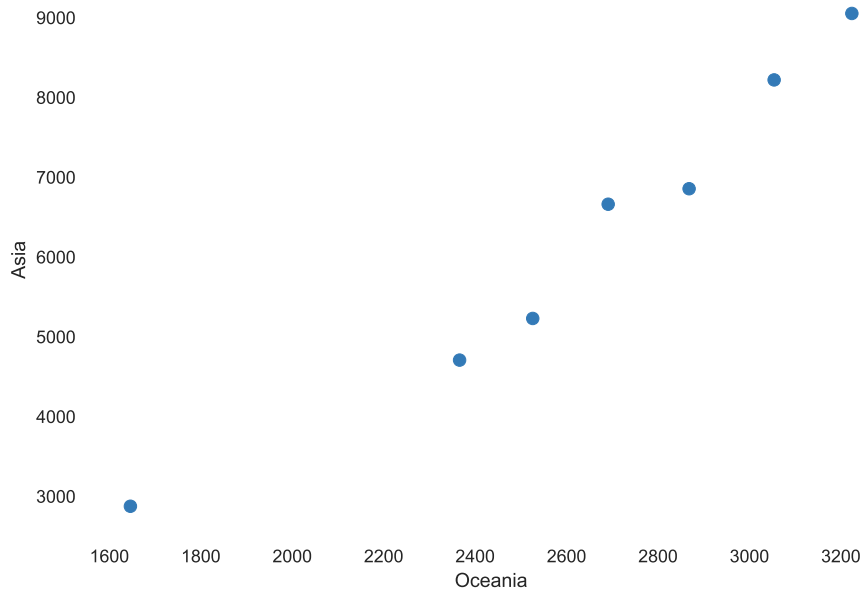
2400
2600
2800
3000
3200
Oceania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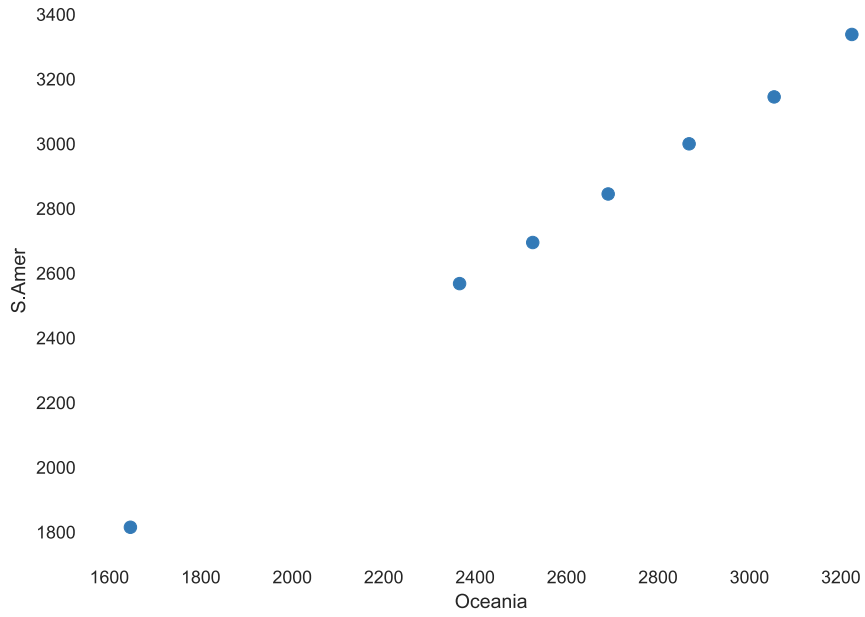
8000
7000
6000
5000
4000
3000
Asia
1600
1800
2000
2200
2400
2600
2800
3000
3200
Oceania


3400
3200
3000
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2400
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1800
S.Amer
1600
1800
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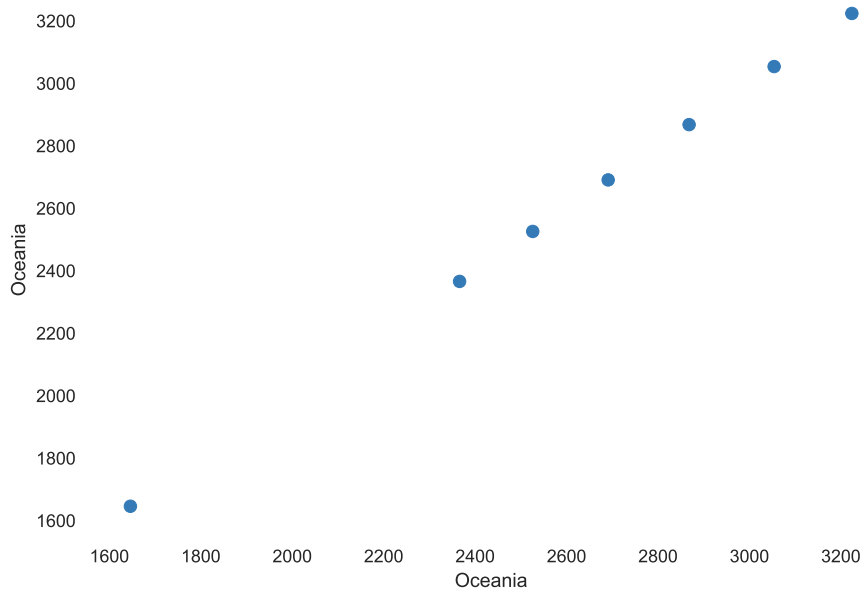
2200
2400
2600
2800
3000
3200
Oceania


3200
3000
2800
2600
2400
2200
2000
1800
1600
Oceania
1600
1800
2000
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2400
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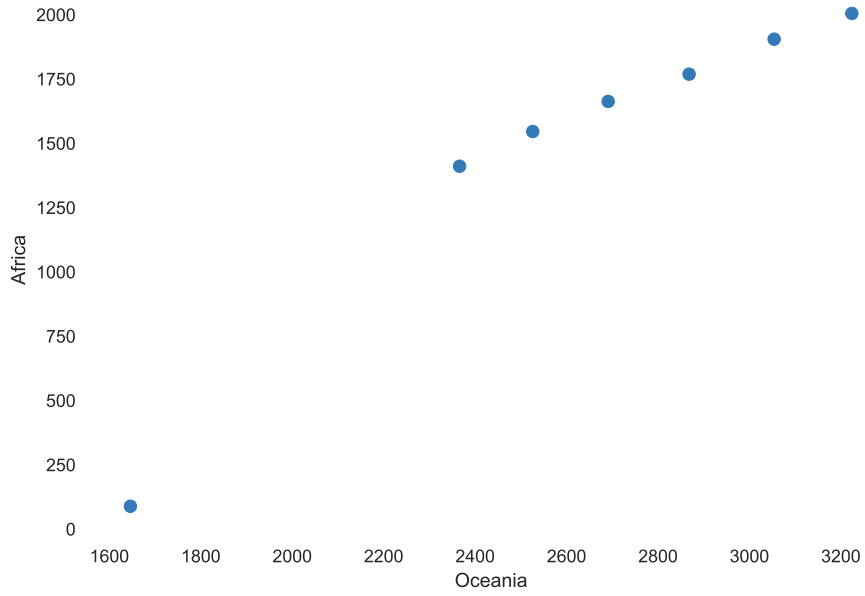
3000
3200
Oceania


2000
1750
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1250
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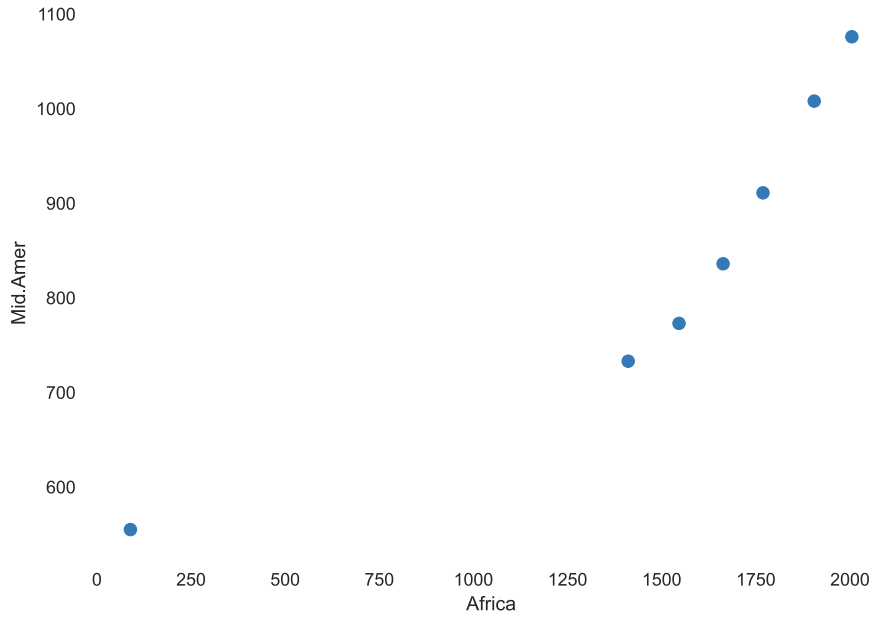
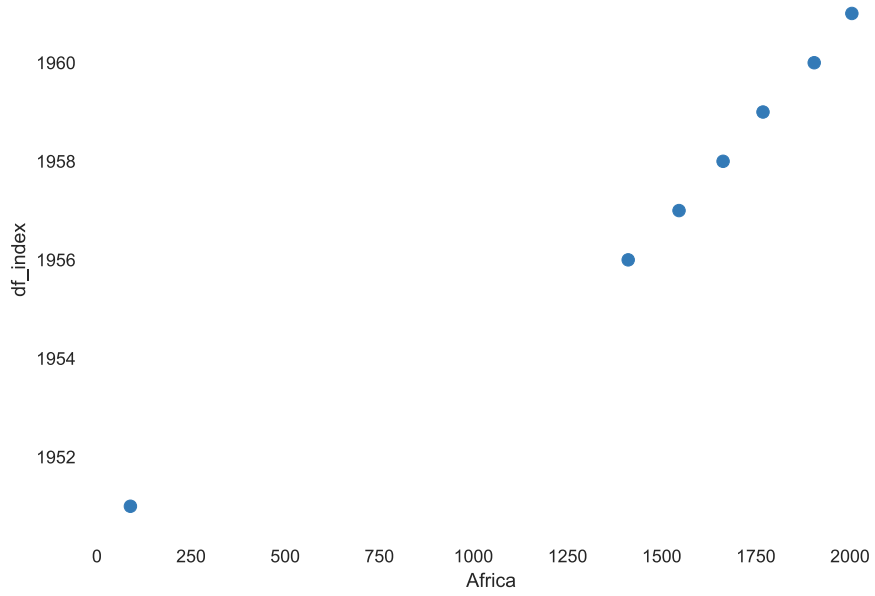
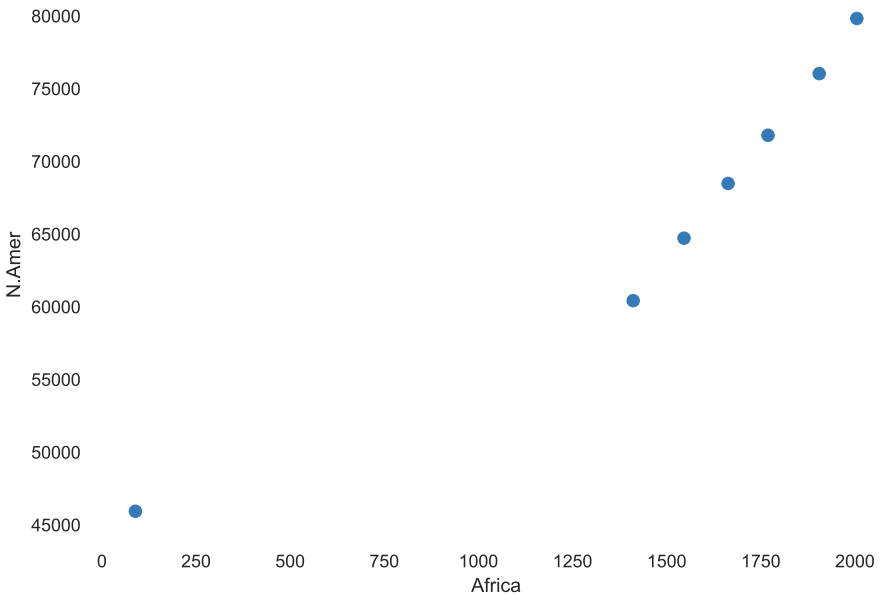
500
250
0
Africa
1600
1800
2000
2200
2400
2600
2800
3000
3200
Oceania


1100
1000
900
800
700
600
Mid.Amer
0
250
500
750
1000
1250
1500
1750
2000
Africa


1960
1958
1956
1954
1952
df_index
0
250
500
750
1000
1250
1500
1750
2000
Africa


80000
75000
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45000
N.Amer
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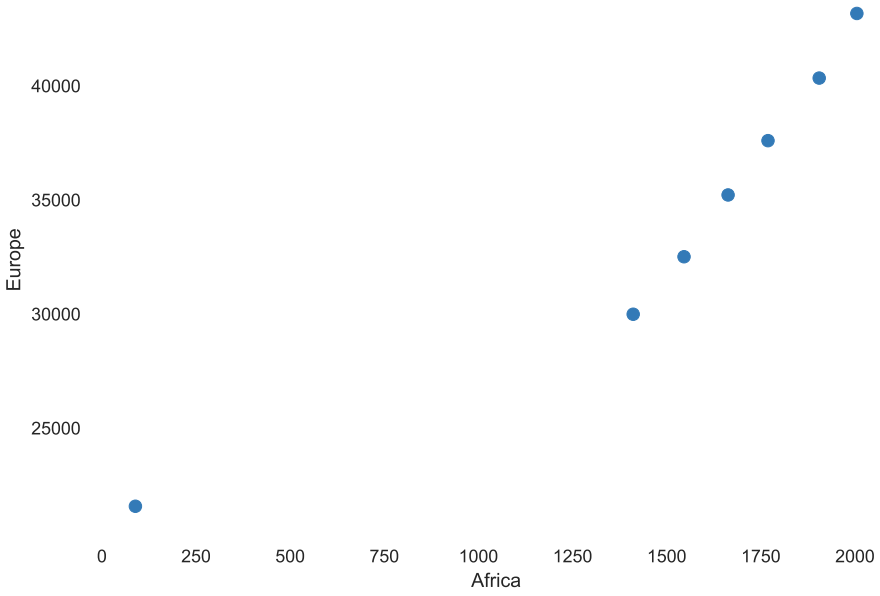
1750
2000
Africa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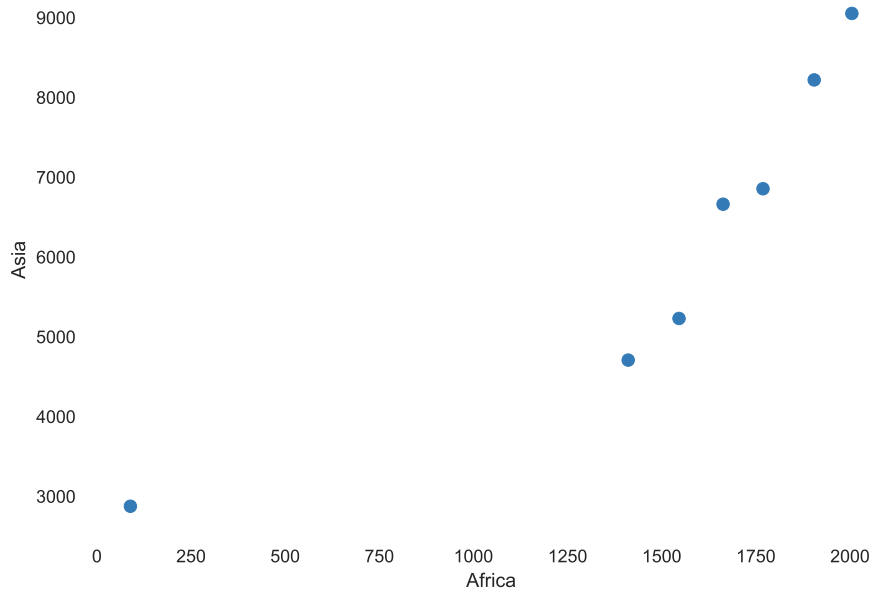
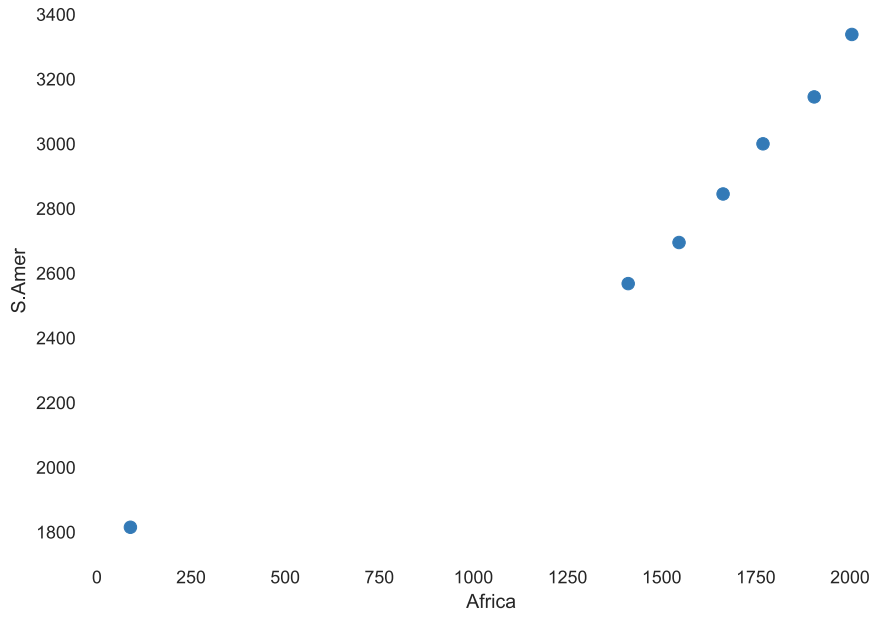
1250
1500
1750
2000
Africa


9000
8000
7000
6000
5000
4000
3000
Asia
0
250
500
750
1000
1250
1500
1750
2000
Africa


3400
3200
3000
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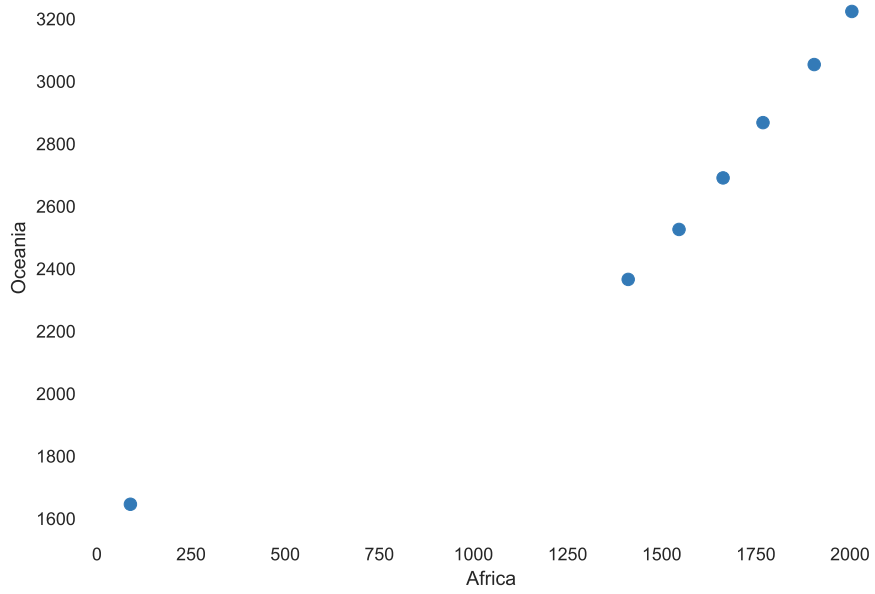
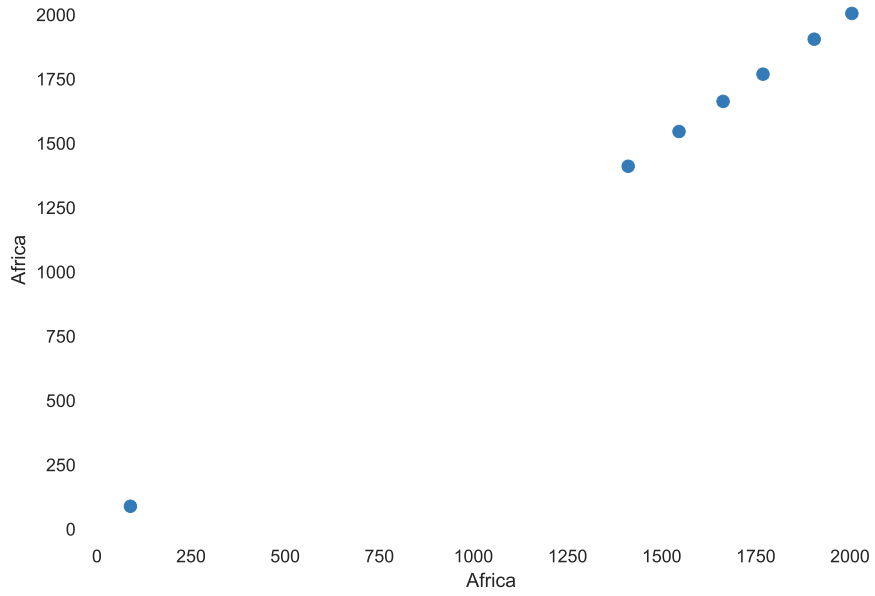
2600
2400
2200
2000
1800
S.Amer
0
250
500
750
1000
1250
1500
1750
2000
Africa


3200
3000
2800
2600
2400
2200
2000
1800
1600
Oceania
0
250
500
750
1000
1250
1500
1750
2000
Africa


2000
1750
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1250
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750
500
250
0
Africa
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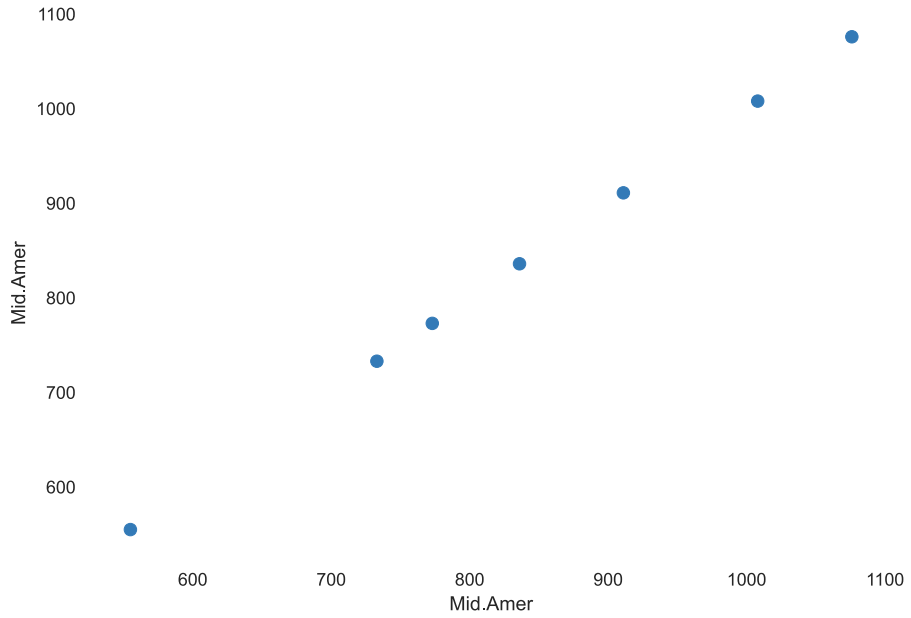
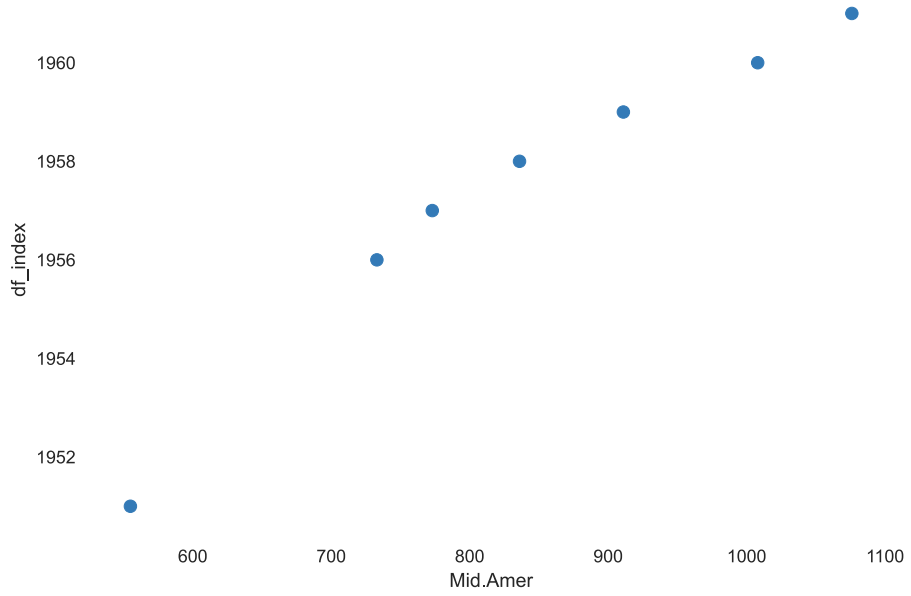
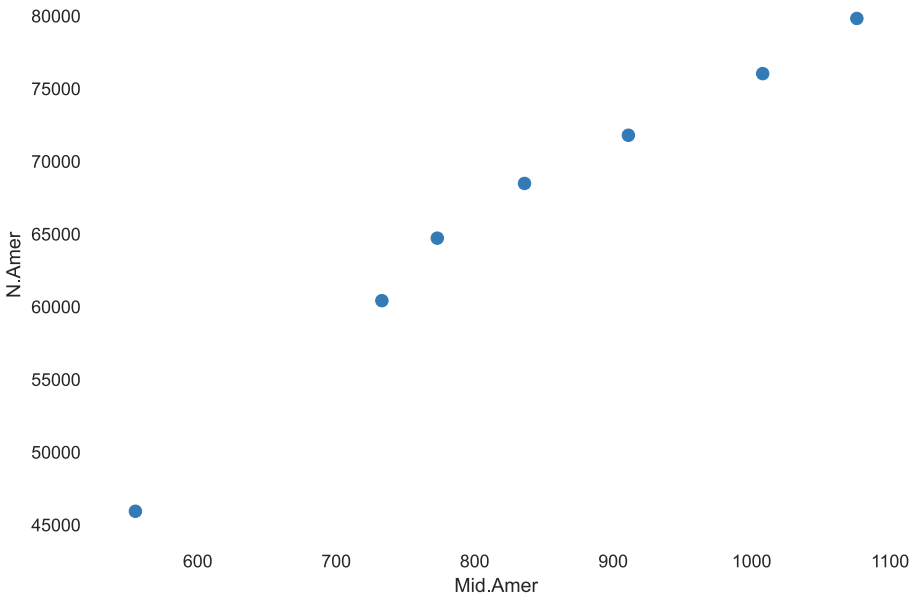
250
500
750
1000
1250
1500
1750
2000
Africa


1100
1000
900
800
700
600
Mid.Amer
600
700
800
900
1000
1100
Mid.Amer


1960
1958
1956
1954
1952
df_index
600
700
800
900
1000
1100
Mid.Amer


80000
75000
70000
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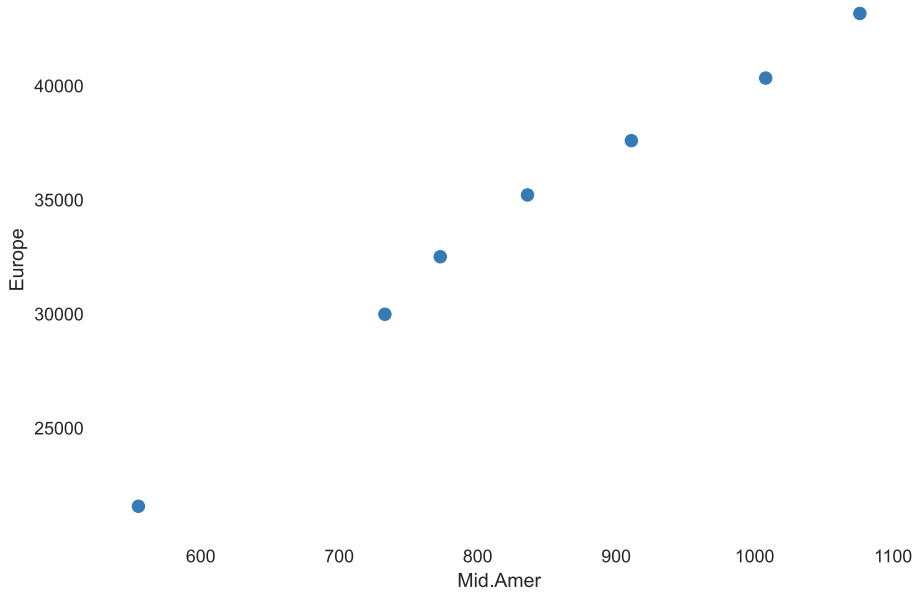
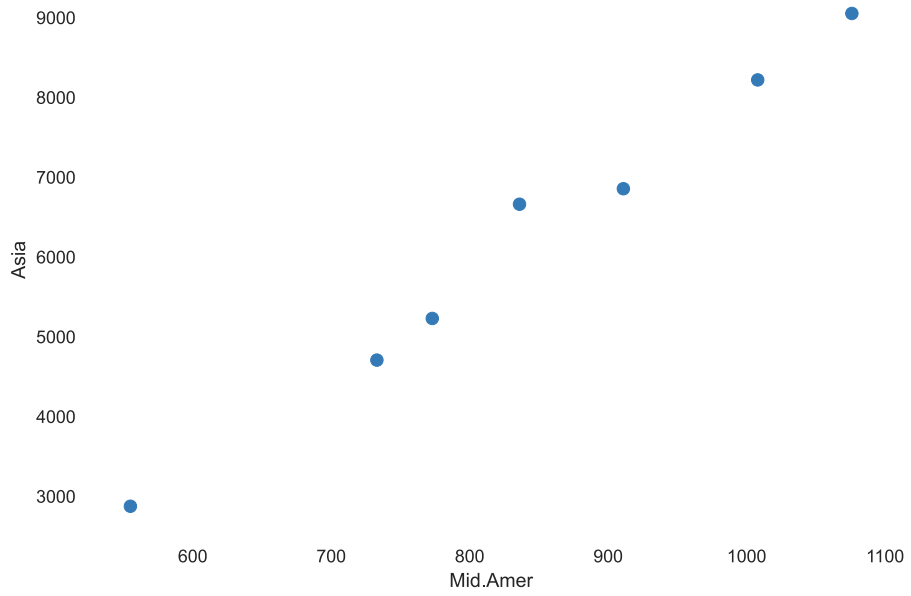
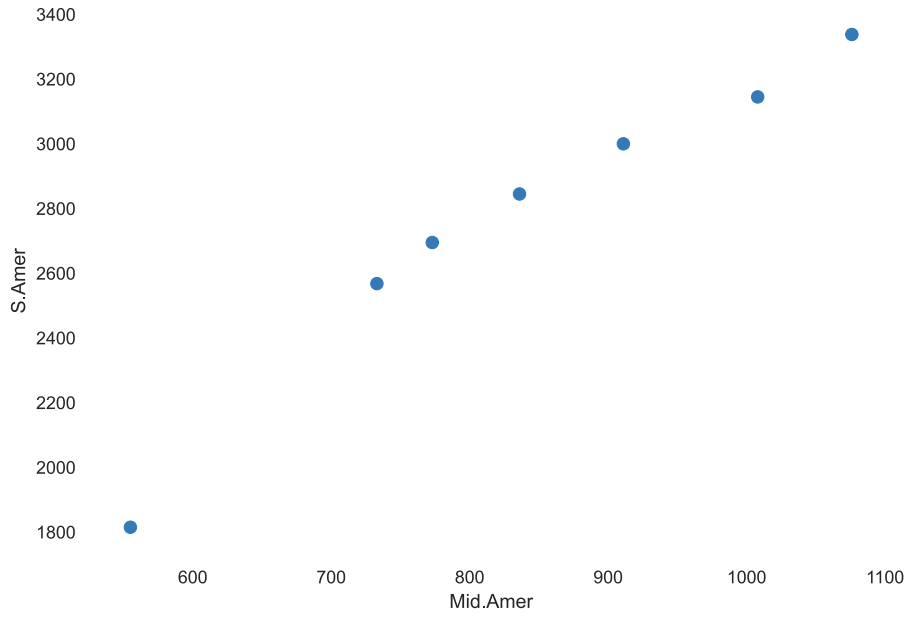
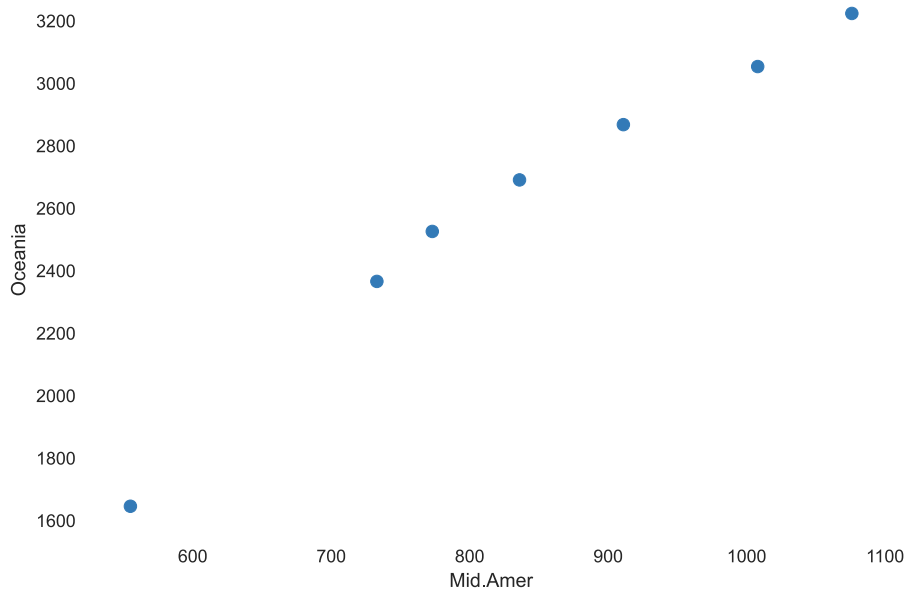
60000
55000
50000
45000
N.Amer
600
700
800
900
1000
1100
Mid.Amer


40000
35000
30000
25000
Europe
600
700
800
900
1000
1100
Mid.Amer


9000
8000
7000
6000
5000
4000
3000
Asia
600
700
800
900
1000
1100
Mid.Amer


3400
3200
3000
2800
2600
2400
2200
2000
1800
S.Amer
600
700
800
900
1000
1100
Mid.Amer


3200
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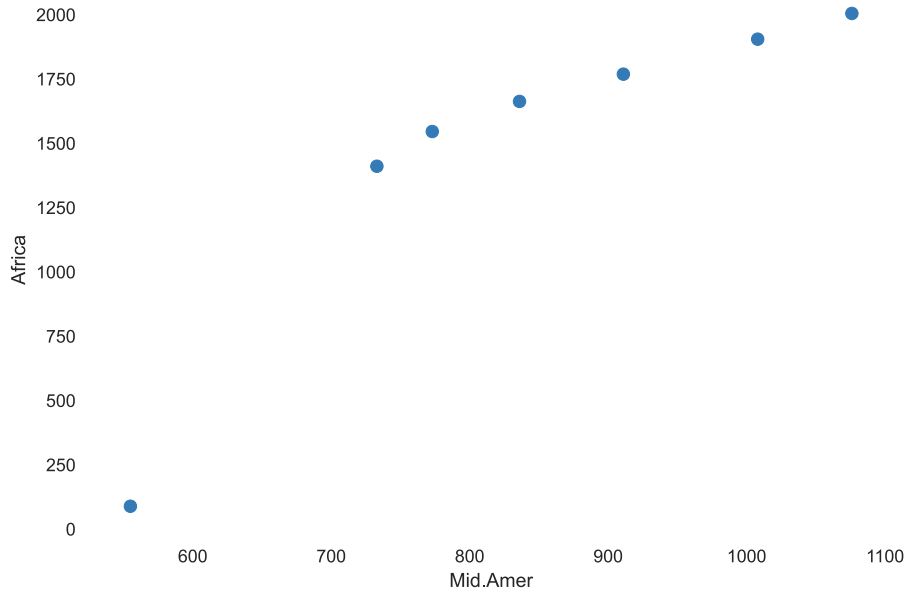
2800
2600
2400
2200
2000
1800
1600
Oceania
600
700
800
900
1000
1100
Mid.Amer


2000
1750
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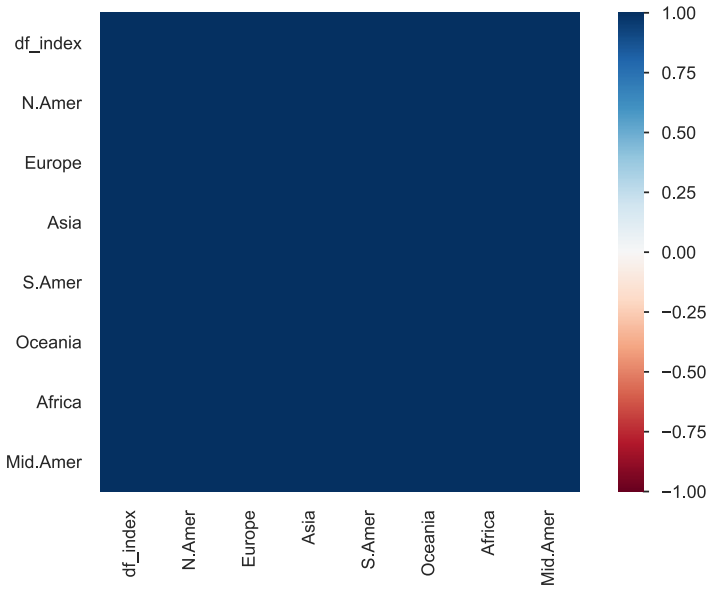
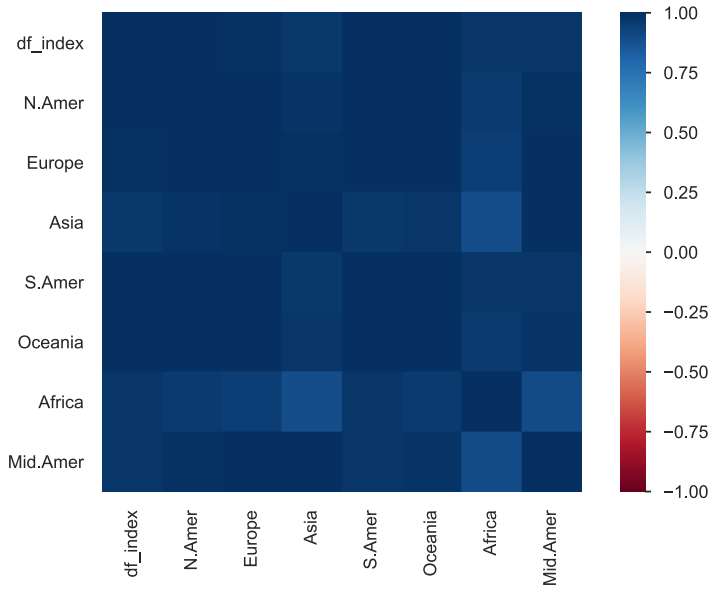
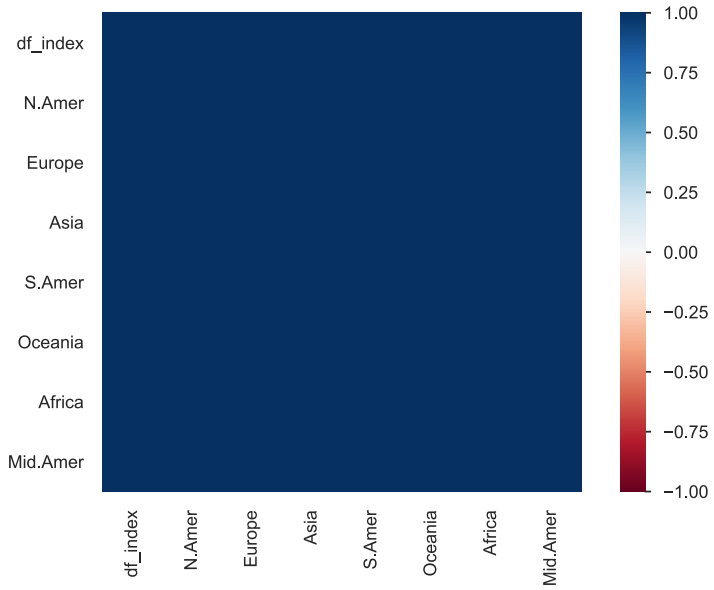
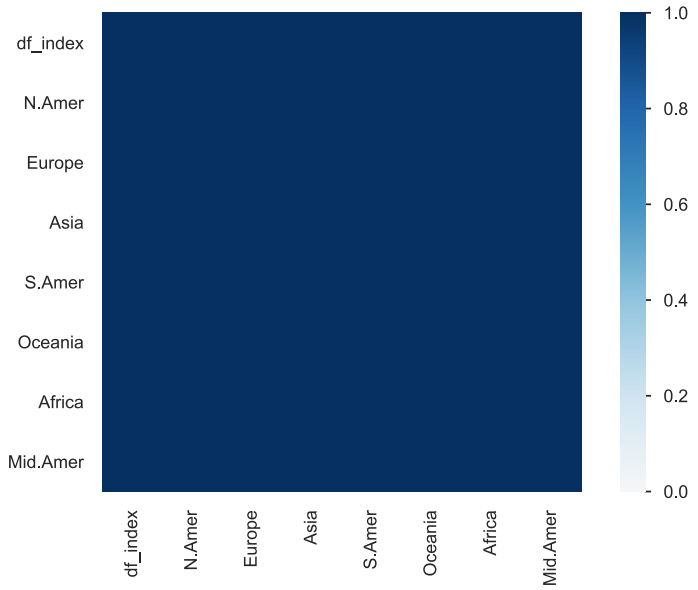
1250
1000
750
500
250
0
Africa
600
700
800
900
1000
1100
Mid.Amer

Correlations

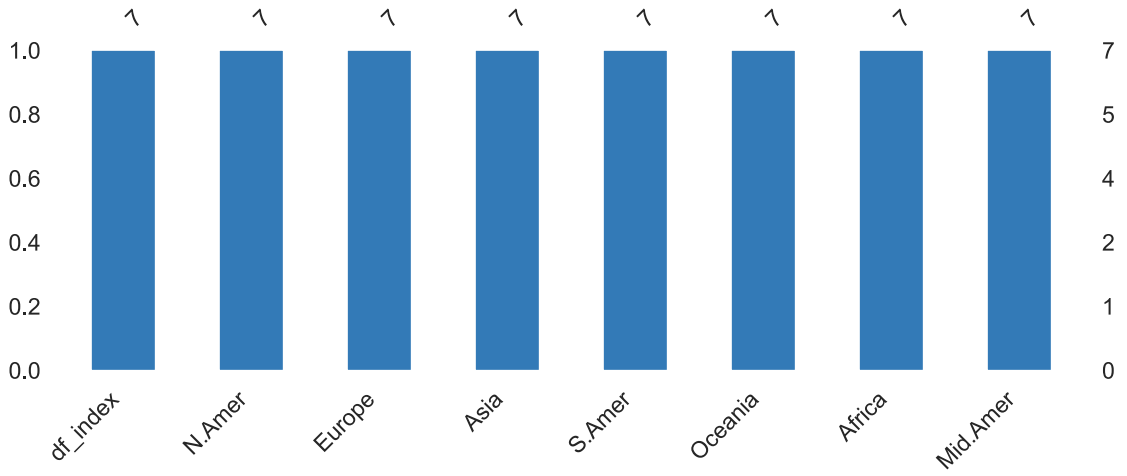



df_index
N.Amer
Europe
Asia
S.Amer
Oceania
Africa
Mid.Amer
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00

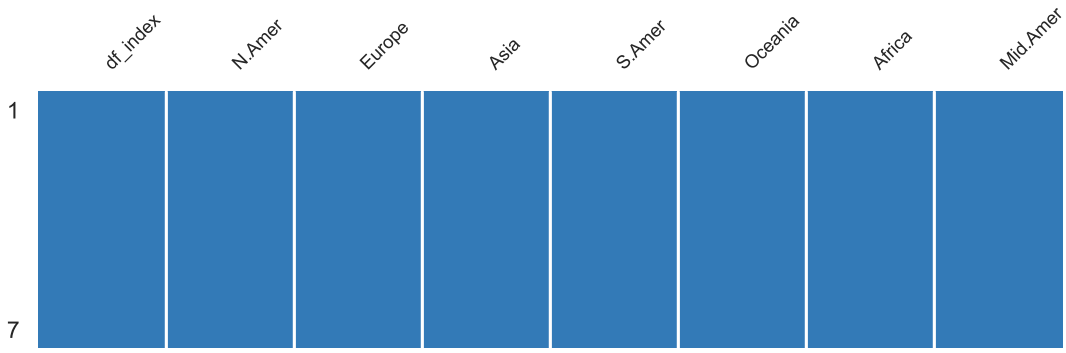

df_index
N.Amer
Europe
Asia
S.Amer
Oceania
Africa
Mid.Amer
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00


df_index
N.Amer
Europe
Asia
S.Amer
Oceania
Africa
Mid.Amer
1.0
0.8
0.6
0.4
0.2
0.0
df_index
N.Amer
Europe
Asia
S.Amer
Oceania
Africa
Mid.Amer

Missing values



A simple visualization of nullity by column.



Nullity matrix is a data-dense display which lets you quickly visually pick out patterns in data completion.

Sample

First rows

	df_index	N.Amer	Europe	Asia	S.Amer	Oceania	Africa	Mid.Amer
0	1951	45939	21574	2876	1815	1646	89	555
1	1956	60423	29990	4708	2568	2366	1411	733
2	1957	64721	32510	5230	2695	2526	1546	773
3	1958	68484	35218	6662	2845	2691	1663	836
4	1959	71799	37598	6856	3000	2868	1769	911
5	1960	76036	40341	8220	3145	3054	1905	1008
6	1961	79831	43173	9053	3338	3224	2005	1076

Last rows

	df_index	N.Amer	Europe	Asia	S.Amer	Oceania	Africa	Mid.Amer
0	1951	45939	21574	2876	1815	1646	89	555
1	1956	60423	29990	4708	2568	2366	1411	733
2	1957	64721	32510	5230	2695	2526	1546	773
3	1958	68484	35218	6662	2845	2691	1663	836
4	1959	71799	37598	6856	3000	2868	1769	911
5	1960	76036	40341	8220	3145	3054	1905	1008
6	1961	79831	43173	9053	3338	3224	2005	1076

Report generated with pandas-profiling (https://github.com/pandas-profiling/pandas-profiling).