

Report Example

ME!

25/09/2019

1 Introduction

Welcome! This is the introduction.

2 Logistic Regression

Insert your text here.

2.1 Data

	Results	Values
0	Coefficient(s)	938
1	Mean Squared Error	2548
2	Variance Score	0

Results of the Logisitic Regression

	age	sex	bmi	bp	s1	s2	s3	s4	s5	s6
count	442.00	442.00	442.00	442.00	442.00	442.00	442.00	442.00	442.00	442.00
mean	-0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	-0.00
std	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
min	-0.11	-0.04	-0.09	-0.11	-0.13	-0.12	-0.10	-0.08	-0.13	-0.14
25%	-0.04	-0.04	-0.03	-0.04	-0.03	-0.03	-0.04	-0.04	-0.03	-0.03
50%	0.01	-0.04	-0.01	-0.01	-0.00	-0.00	-0.01	-0.00	-0.00	-0.00
75%	0.04	0.05	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03
max	0.11	0.05	0.17	0.13	0.15	0.20	0.18	0.19	0.13	0.14

Descriptive table of diabetes data.

3 Results

Some words, important words.

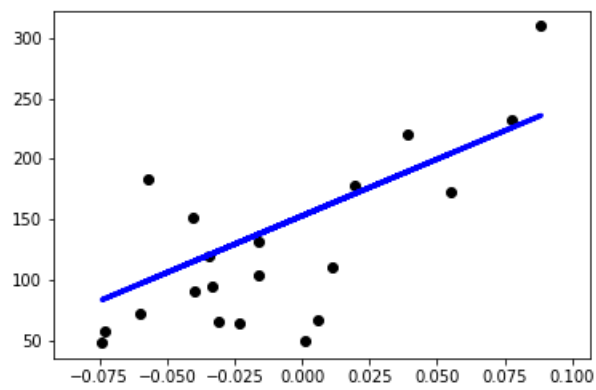


Figure 1: This is a plot of the linear reg output.

4 Conclusion

Insert your text here.

Results		Values
0	Coefficient(s)	938
1	Mean Squared Error	2548
2	Variance Score	0

Results of the Logisitic Regression

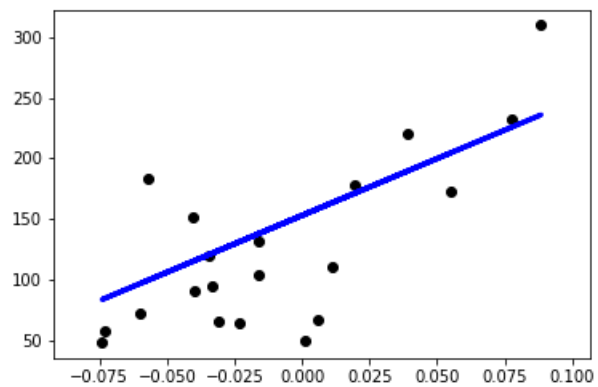
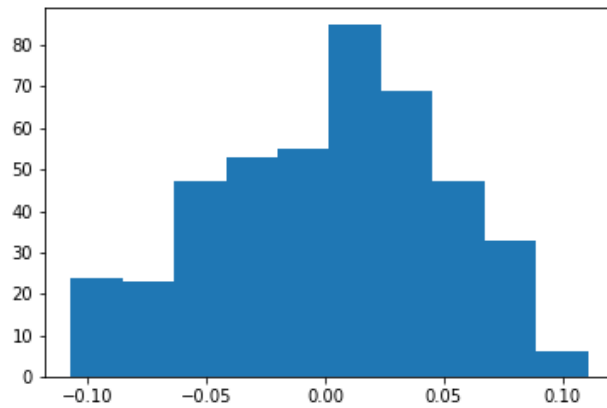


Figure 2: This is a plot of the linear reg output.



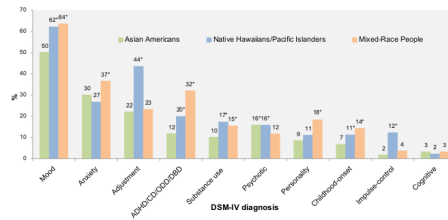


Figure 3: This image was manually copied to the current folder.

	age	sex	bmi	bp	s1	s2	s3	s4	s5	s6
count	442.00	442.00	442.00	442.00	442.00	442.00	442.00	442.00	442.00	442.00
mean	-0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	-0.00
std	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
min	-0.11	-0.04	-0.09	-0.11	-0.13	-0.12	-0.10	-0.08	-0.13	-0.14
25%	-0.04	-0.04	-0.03	-0.04	-0.03	-0.03	-0.04	-0.04	-0.03	-0.03
50%	0.01	-0.04	-0.01	-0.01	-0.00	-0.00	-0.01	-0.00	-0.00	-0.00
75%	0.04	0.05	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03
max	0.11	0.05	0.17	0.13	0.15	0.20	0.18	0.19	0.13	0.14

Descriptive table of diabetes data.

	AA			NH/PI			MR		
	OR	5%	95%	OR	5%	95%	OR	5%	95%
12-17	0	0	1	2	1	8	6	1	28
18-34	1	1	2	4	1	12	4	1	16
35-49	2	1	2	4	1	14	1	0	5
M	3	2	4	2	1	3	2	1	5
Hospital	1	1	2	2	1	4	2	1	4
intercept	0	0	0	0	0	0	0	0	0

	s1	s3	s5
count	442.00	442.00	442.00
mean	-0.00	-0.00	-0.00
std	0.05	0.05	0.05
min	-0.13	-0.10	-0.13
25%	-0.03	-0.04	-0.03
50%	-0.00	-0.01	-0.00
75%	0.03	0.03	0.03
max	0.15	0.18	0.13

Merged dataframes example.

Age Filter.csv Mapping Table

Lower	Upper	Category
1	11	1-11
12	17	12-17
18	34	18-34
35	49	35-49
50	10000	50+

Race Filter.csv Mapping Table

Original	Category
AA	['Asian', 'asian', 'Indian', 'Korean', 'Chinese', 'Asian american', 'Vietnamese', 'asian indian', 'american indian', 'east indian', 'indian', 'middle eastern american', 'american indian', 'asian']
MR	['Multiracial:Other Combination', 'MultiRacial', 'Biracial', 'Multiracial:Black-African American White', 'Other Multi-Race', 'Multi-Race', 'Multiracial:Asian/Black-African American', 'Multiracial:Asian/White', 'Multi Raci', 'More Than One Race', 'Asian and White', 'biracial', 'multiracial:Other Combination', 'Multiracial', 'Mixed', 'Biracial-White/Native American', 'MultiRacia', 'White/Black', 'multiracial', 'biracial', 'multiracial:asian/black-african american', 'multiracial', 'multiracial:asian/white', 'multiracial:other combination', 'mixed', 'multi raci', 'multiracial:black-african american white', 'multi-race']
NHPI	['PACIFIC ISLANDER', 'NativeHawaiianPacificIslander', 'Hawaiian / Pacific Islander', 'Native Hawaiian/Other Pacific Islander', 'Native Hawaiian or Other Pacific Islander', 'Hawaiian or other Pacific Islander', 'Hawaiian/P', 'Hawaiian/Pacific Islander', 'Native Hawaiian/Pacific Is', 'Pacific Islander', 'hawaiian / Pacific Islander', 'Native Hawaiian or Other Pacific Is', 'pacific islander', 'nativehawaiian-pacificislander', 'native hawaiian/other pacific islander', 'hawaiian/p', 'hawaiian / pacific islander', 'native hawaiian/pacific is']

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