

1. After analysing the model, your manager has informed that your regression model is suffering from multicollinearity. How would you check if he's true? Without losing any information, can you still build a better model?(<https://google-interview-hacks.blogspot.in/2017/04/after-analyzing-model-your-manager-has.html>)
2. What are the basic assumptions to be made for linear regression?(<https://www.appliedaicourse.com/course/applied-ai-course-online/lessons/geometric-intuition-1-2-copy-8/>)
3. What is the difference between stochastic gradient descent (SGD) and gradient descent (GD)?(<https://stats.stackexchange.com/questions/317675/gradient-descent-gd-vs-stochastic-gradient-descent-sgd>)
4. When would you use GD over SDG, and vice-versa?(<https://elitedatascience.com/machine-learning-interview-questions-answers>)
5. How do you decide whether your linear regression model fits the data?(https://www.researchgate.net/post/What_statistical_test_is_required_to_assess_goodness_of_fit_of_a_linear_or_nonlinear_regression_equation)
6. Is it possible to perform logistic regression with Microsoft Excel?(<https://www.youtube.com/watch?v=EKRjDurXau0>)
7. When will you use classification over regression?(<https://www.quora.com/When-will-you-use-classification-over-regression>)
8. Why isn't Logistic Regression called Logistic Classification?(Refer <https://stats.stackexchange.com/questions/127042/why-isnt-logistic-regression-called-logistic-classification/127044>)

External Resources:

- 1.<https://www.analyticsvidhya.com/blog/2017/08/skilltest-logistic-regression/>
- 2.<https://www.listendata.com/2017/03/predictive-modeling-interview-questions.html>
- 3.<https://www.analyticsvidhya.com/blog/2017/07/30-questions-to-test-a-data-scientist-on-linear-regression/>
- 4.<https://www.analyticsvidhya.com/blog/2016/12/45-questions-to-test-a-data-scientist-on-regression-skill-test-regression-solution/>
5. <https://www.listendata.com/2018/03/regression-analysis.html>

****If you face any new Interview questions please put in comments ,we will work it out****