ACTIVITY

- You can go through the mathematics behind how the objective function is obtained for logistic regression in the document named "Logistic-regression-theory_Courtesy_WillMonroe_Stanford". This is given in the folder "Lecture resources".

- If you are interested in understanding about underfitting and overfitting in machine learning, and the type of penalty terms employed to prevent overfitting, please go through the following links (given in Lecture resources):

  - https://towardsdatascience.com/over-fitting-and-regularization-64d16100f45c

  - https://towardsdatascience.com/l1-and-l2-regularization-methods-ce25e7fc831c

  - https://www.datacamp.com/community/tutorials/towards-preventing-overfitting-regularization?utm_source=adwords_ppc&utm_campaignid=9942305733&utm_adgroupid=100189364546&utm_device=c&utm_keyword=&utm_matchtype=b&utm_network=g&utm_adpostion=&utm_creative=229765585183&utm_targetid=aud-299261629574:dsa-929501846124&utm_loc_interest_ms=&utm_loc_physical_ms=20605&gclid=Cj0KCQjw3Nv3BRC8ARIsAPh8hgL2XdlBbtBVFx8eGeV85tUOY6tZsde1Y1F5NDOMQf_DPdJroaPQmToaAg_TEALw_wcB