VISION A.I. TASK PHASE

Refer to following tutorial and documentation for the given topics(MACHINE LEARNING):

1.LINEAR REGRESSION
https://www.youtube.com/watch?v=zPG4NjIkCjc
https://www.youtube.com/watch?v=OM1dtIt0VNo
https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=3&cad=rja&uact=8&ved=2ahUKEwi-4PeKgtfoAhUexjgGHbSBCY4QFjACegQIAxAB&url=https%3A%2F%2Fmedium.com%2Ftowards-artificial-intelligence%2Funderstanding-the-simple-maths-behind-simple-linear-regression-3ce4a30e7602&usg=AOvVaw266u6diDBXBC5IrUxYvecJ
https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=17&cad=rja&uact=8&ved=2ahUKEwi-4PeKgtfoAhUexjgGHbSBCY4QFjAQegQIChAB&url=https%3A%2F%2Fshuzhanfan.github.io%2F2018%2F07%2Funderstanding-mathematics-behind-linear-regression%2F&usg=AOvVaw143RpqTr5DTTW5SJoGyBz0

2.LOGISTIC REGRESSION
https://www.youtube.com/watch?v=YMJtsYIp4kg
https://www.youtube.com/watch?v=mLth3-4yn4Q
https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=9&cad=rja&uact=8&ved=2ahUKEwjCppvug9foAhWGxDgGHfq0DpkQFjAIegQIAhAB&url=https%3A%2F%2Ftowardsdatascience.com%2Flogistic-regression-detailed-overview-46c4da4303bc&usg=AOvVaw2NiZZnCFdFwNsjIdcJe62x
https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=18&cad=rja&uact=8&ved=2ahUKEwjCppvug9foAhWGxDgGHfq0DpkQFjARegQIARAB&url=https%3A%2F%2Fmachinelearningmastery.com%2Flogistic-regression-for-machine-learning%2F&usg=AOvVaw1h9HGPBe0d0NRvG4F3prK8

3.K-MEANS CLUSTERING
https://www.youtube.com/watch?v=hDmNF9JG3lo

https://www.youtube.com/watch?v=4b5d3muPQmA
https://www.youtube.com/watch?v=_aWzGGNrcic
https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=2ahUKEwi3vNTvhNfoAhUexDgGHTLvBkoQFjAAegQIAhAB&url=https%3A%2F%2Ftowardsdatascience.com%2Fk-means-clustering-algorithm-applications-evaluation-methods-and-drawbacks-aa03e644b48a&usg=AOvVaw2sHrmdyzajKKpPMdxyLxEj
https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=10&cad=rja&uact=8&ved=2ahUKEwi3vNTvhNfoAhUexDgGHTLvBkoQFjAJegQIARAB&url=https%3A%2F%2Ftowardsdatascience.com%2Funderstanding-k-means-clustering-in-machine-learning-6a6e67336aa1&usg=AOvVaw2AlB7zdk19C-LXSJlkuB8Y

4.K-NEAREST NEIGHBORS
https://www.youtube.com/watch?v=UqYde-LULfs
https://www.youtube.com/watch?v=6kZ-OPLNcgE
https://www.youtube.com/watch?v=HVXime0nQeI
https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=10&cad=rja&uact=8&ved=2ahUKEwixzbHEhdfoAhWmwTgGHfMiAB0QFjAJegQIAxAB&url=https%3A%2F%2Ftowardsdatascience.com%2Fmachine-learning-basics-with-the-k-nearest-neighbors-algorithm-6a6e71d01761&usg=AOvVaw1xOvh2i3piM9CQGaIbAaPB

5.SUPPORT VECTOR MACHINE
https://www.youtube.com/watch?v=hCOIMkcsm_g&list=PLNeKWBMsAzboNdqcm4YY9x7Z2s9n9q_Tb
https://www.youtube.com/watch?v=2v430er9hkI
https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=19&cad=rja&uact=8&ved=2ahUKEwiWiM6UhtfoAhX9yjgGHZHcBo4QFjASegQIBRAB&url=https%3A%2F%2Ftowardsdatascience.com%2Fsupport-vector-machine-introduction-to-machine-learning-algorithms-934a444fca47&usg=AOvVaw0ULpSEf_Zy2zzrK_ntDUMS

6.DECISION TREE AND RANDOM FORESTS
https://www.youtube.com/watch?v=qDcl-FRnwSU
https://www.youtube.com/watch?v=eM4uJ6XGnSM
https://www.youtube.com/watch?v=J4Wdy0Wc_xQ
https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=2ahUKEwj75aiVh9foAhWlzDgGHUsDCX0QFjAAegQIARAB&url=https%3A%2F%2Ftowardsdatascience.com%2Fdecision-trees-and-random-forests-df0c3123f991&usg=AOvVaw29hQj7S7w1jTjgtfhkToAo
https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=10&cad=rja&uact=8&ved=2ahUKEwj75aiVh9foAhWlzDgGHUsDCX0QFjAJegQIAhAB&url=https%3A%2F%2Ftowardsdatascience.com%2Fdecision-tree-and-random-forest-explained-8d20ddabc9dd&usg=AOvVaw237BYjPzEe2QvHCqc2O_gU

7.PRINCIPAL COMPONENT ANALYSIS

https://www.youtube.com/watch?v=_UVHneBUBW0

https://www.youtube.com/watch?v=n7npKX5zIWI

https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=16&cad=rja&uact=8&ved=2ahUKEwjBpMrmhtfoAhUwyDgGHRilBDYQFjAPegQIARAB&url=https%3A%2F%2Ftowardsdatascience.com%2Fa-one-stop-shop-for-principal-component-analysis-5582fb7e0a9c&usg=AOvVaw12PbSFL-goMLdv3N1wQrRg