****Revision Questions:****  
  
****Q1****. Define Point/Vector (2-D, 3-D, n-D)?  
****A1****. <https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2830/introduction-to-vectors2-d-3-d-n-d-row-vector-and-column-vector/2/module-2-data-science-exploratory-data-analysis-and-data-visualization>  
  
****Q2****. How to calculate Dot product and angle between 2 vectors?  
****A2****. <https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2831/dot-product-and-angle-between-2-vectors/2/module-2-data-science-exploratory-data-analysis-and-data-visualization>  
  
****Q3****. Define Projection, unit vector?  
****A3****. <https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2832/projection-and-unit-vector/2/module-2-data-science-exploratory-data-analysis-and-data-visualization>  
  
****Q4****. Equation of a line (2-D), plane(3-D) and hyperplane (n-D)?  
****A4****. <https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2833/equation-of-a-line-2-d-plane3-d-and-hyperplane-n-d-plane-passing-through-origin-normal-to-a-plane/2/module-2-data-science-exploratory-data-analysis-and-data-visualization>  
  
****Q5****. Distance of a point from a plane/hyperplane, half-spaces?  
****A5****. <https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2834/distance-of-a-point-from-a-planehyperplane-half-spaces/2/module-2-data-science-exploratory-data-analysis-and-data-visualization>  
  
****Q6****. Equation of a circle (2-D), sphere (3-D) and hypersphere (n-D)?  
****A6****. <https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2835/equation-of-a-circle-2-d-sphere-3-d-and-hypersphere-n-d/2/module-2-data-science-exploratory-data-analysis-and-data-visualization>  
  
****Q7****. Equation of an ellipse (2-D), ellipsoid (3-D) and hyperellipsoid (n-D)?  
****A7****. <https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2836/equation-of-an-ellipse-2-d-ellipsoid-3-d-and-hyperellipsoid-n-d/2/module-2-data-science-exploratory-data-analysis-and-data-visualization>  
  
****Q8****. Square, Rectangle, Hyper-cube and Hyper-cuboid?  
****A8****. <https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2837/square-rectangle/2/module-2-data-science-exploratory-data-analysis-and-data-visualization>

****Q9****. Check these videos 3b1b LA: <https://www.youtube.com/watch?v=fNk_zzaMoSs&list=PLZHQObOWTQDPD3MizzM2xVFitgF8hE_ab>  
  
****Q10****. Check these videos 3b1b Calculus: <https://www.youtube.com/watch?v=WUvTyaaNkzM&list=PLZHQObOWTQDMsr9K-rj53DwVRMYO3t5Yr>  
  
****Q11****. Check these videos 3b1b calculus: <https://www.youtube.com/watch?v=p_di4Zn4wz4&list=PLZHQObOWTQDNPOjrT6KVlfJuKtYTftqH6>