INDEX

NAME: Kuberan STD.: A1 SEC.: A ROLL NO.: _____ SUB.: Deep learning

S. No.	Date	Title	Page No.	Teacher's Sign / Remarks
1	24/7	Exploring Deep learning Platform		

NAME: Kuberan STD.: A1 SEC.: A ROLL NO.: _____ SUB.: Deep learning

24/07/25

Ex.no: 1

Various deep learning platform

=> Google colab

* free online jupyter Notebook
with GPU / TPU

* Ideal for students, researche

* Accessable with google account

=> Jupyter Notebook:

* It is not a framework but
an interactive coding environment

* Combines codes, markdowns,
output

* Popular for exploration,
visualization, tutorials

=> Tensorflow

* It is a static graph
escecution

* Debugging is harder due to
static graph

* Scalability accross GPU's / TPU's

⇒ Pytorch

   * Dynamic computational graph

   * Debugging is easy with pythonic structure

   * Use this for flexability research, fast experimentation

Result

   Analysed and observed the experiment successfully