

# MLGCN\_Readme

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The default IDE used is **Visual Studio Code**, if using Jupyter notebook please make the corresponding changes listed in the two `ipynb` files.

## MLGCN on BlogCatalog

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For running MLGCN model on BlogCatalog dataset, please find description below.

### File list:

`layers.py`  
`models.py`  
`MLGCN on BlogCatalog2.ipynb`

### Dataset folder:

`BlogCatalog`

### How to

Open `MLGCN on BlogCatalog2.ipynb` and follow the instruction in this jupyter notebook.

## MLGCN on ODIR

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For running MLGCN model on ODIR dataset, please find description below.

### File list:

`layers.py`  
`models.py`  
`MLGCN_ODIR_newgraph.ipynb`  
`X.csv`

`X.csv` is generated from the jupyter notebook in google colab, link to the notebook:

**<https://colab.research.google.com/drive/1CMKKZ2qyXcOLLGyqdPOHcfs3k0nX8J9c?usp=sharing>**

(<https://colab.research.google.com/drive/1CMKKZ2qyXcOLLGyqdPOHcfs3k0nX8J9c?usp=sharing>)

## **Dataset folder:**

ODIR

## **How to**

Open `MLGCN_ODIR_newgraph.ipynb` and follow the instruction in this jupyter notebook.