## **AblationMage** utilizes LLMs for generation of ablation study artifacts using user-provided *annotations*

```
import torch.nn.functional as F
#ABLATION HINT START
# The ablation study should consist of the following layer ablation trials on GraphSAGE:
# - the second layer removed
# - the third layer removed
# - the fourth layer removed
# - the second, third, and fourth layers removed,
# while the number of output neurons of the first layer is 8
# - the second, third, and fourth layers removed,
# while the number of output neurons of the first layer is 64
#ABLATION HINT END
class GraphSAGE(torch.nn.Module):
    def init (self, dim in, dim out):
    super(), init ()
    self.sage1 = SAGEConv(dim in, 64, aggr = 'max')
    self.sage2 = SAGEConv(64, 32, aggr = 'max')
    self.sage3 = SAGEConv(32, 16, aggr = mean')
    self.sage4 = SAGEConv(16, 8, aggr = 'max')
    self.sage5 = SAGEConv(8, dim out, aggr = 'max')
    self.optimizer = torch.optim.Adam(self.parameters(),
                                      lr=0.01, weight decay=5e-4)
```





