from graphviz import Digraph

flowchart = Digraph("ML\_Pipeline", format='png')

flowchart.attr(rankdir='TB', size='8,10') # Top to Bottom flow

steps = [

"Problem Definition",

"Data Collection",

"Data Preprocessing",

"Exploratory Data Analysis",

"Feature Engineering",

"Model Building",

"Model Evaluation",

"Deployment & Report"

]

for step in steps:

flowchart.node(step, shape='box')

for i in range(len(steps) - 1):

flowchart.edge(steps[i], steps[i + 1])

flowchart.render('ml\_pipeline\_flowchart', view=True)