**import matplotlib.pyplot as plt**

**from matplotlib.patches import Circle, FancyArrowPatch**

**# Create figure**

**fig, ax = plt.subplots(figsize=(12, 6))**

**ax.set\_xlim(0, 10)**

**ax.set\_ylim(0, 5)**

**ax.axis('off')**

**# Step positions and colors**

**steps = [**

**{"pos": (1, 3), "text": "DATA ACQUISITION &\nPREPROCESSING", "num": "01", "color": "#f72585"},**

**{"pos": (3, 2.5), "text": "DATASET\nPREPARATION", "num": "02", "color": "#7209b7"},**

**{"pos": (5, 2), "text": "MODEL\nDEVELOPMENT", "num": "03", "color": "#008000"},**

**{"pos": (7, 1.5), "text": "EVALUATION\n& PREDICTION", "num": "04", "color": "#f77f00"},**

**{"pos": (9, 1), "text": "DEPLOYMENT\n& MONITORING", "num": "05", "color": "#bc6c25"}**

**]**

**# Draw circles and text**

**for step in steps:**

**circle = Circle(step["pos"], 1, color=step["color"])**

**ax.add\_patch(circle)**

**ax.text(step["pos"][0], step["pos"][1]+0.3, step["text"], ha='center', va='center', fontsize=10, weight='bold', color='white')**

**ax.text(step["pos"][0], step["pos"][1]-0.9, step["num"], ha='center', va='center', fontsize=18, weight='bold', color='black')**

**# Draw arrows between steps**

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

**arrow = FancyArrowPatch(posA=(steps[i]["pos"][0]+0.9, steps[i]["pos"][1]),**

**posB=(steps[i+1]["pos"][0]-0.9, steps[i+1]["pos"][1]),**

**arrowstyle='-|>', mutation\_scale=25,**

**color=steps[i]["color"], lw=2)**

**ax.add\_patch(arrow)**

**# Title**

**ax.text(6.5, 4.5, "STEPS OF\nPROGRESS", fontsize=22, color='maroon', ha='center', weight='bold')**

**plt.tight\_layout()**

**plt.show()**