

Figure 1 is a line graph showing the performance of various algorithms (LPAL, LPAL_LIN, ROIL_LIN, ROIL_LINF, ROIL_LINF_LIN, GAIL, NBC) as a function of Dataset Size (0 to 10,000). The y-axis represents performance, with a dashed line indicating the 'Optimal' performance and a dotted line indicating 'Random' performance. NBC consistently achieves the highest performance, reaching the optimal level quickly. LPAL shows a sharp decline in performance as dataset size increases, falling below the random baseline. Other algorithms like LPAL_LIN, ROIL_LIN, and GAIL show rapid improvement and reach the optimal performance level by dataset size 1,000.

