Genetic Algorithm Evolution Progress
Shows how the genetic algorithm improves schedules over generations

Top panel (ListGA Generation):

Legend:
- Best Fitness (blue, circles)
- Worst Fitness (red, x markers)

Total improvement: 13.1%

ListGA Evolution: Shows how task sequence improves over generations.
• Lower values = Better schedules (shorter execution time)
• Blue line = Best solution in population
• Red line = Worst solution in population
• Downward trend shows genetic algorithm improvement

Y-axis: Fitness (execution time)
X-axis: ListGA Generation

Bottom panel (ArcGA Generation):

Legend:
- Best Fitness (blue, circles)
- Worst Fitness (red, x markers)

ArcGA Evolution: Shows how resource allocation improves over generations.
• Lower values = Better resource assignments
• ArcGA applies additional ordering constraints between tasks
• Genetic algorithm explores solution space to find optimal configuration

Y-axis: Fitness
X-axis: ArcGA Generation