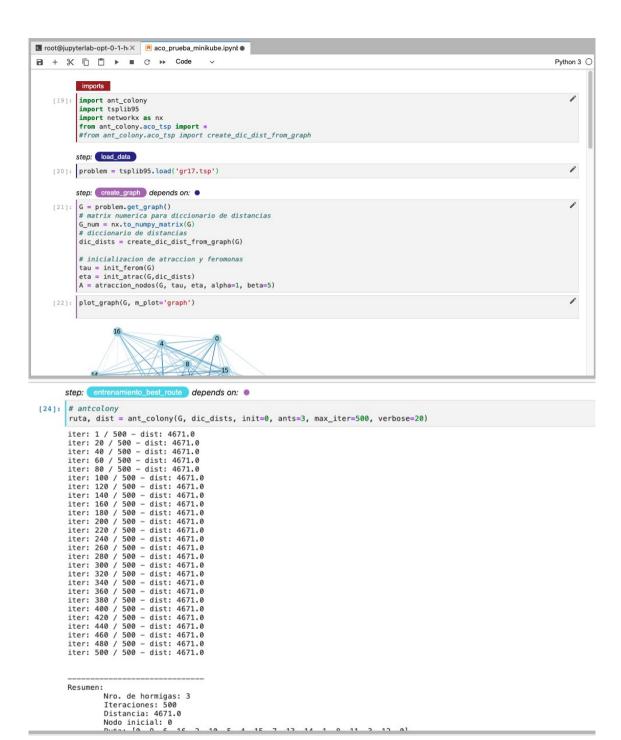
Pruebas de Ant Colony con algunos parámetros



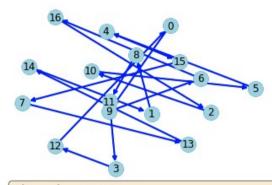
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## Resumen:

Nro. de hormigas: 3 Iteraciones: 500 Distancia: 4671.0 Nodo inicial: 0

Ruta: [0, 9, 6, 16, 2, 10, 5, 4, 15, 7, 13, 14, 1, 8, 11, 3, 12, 0]

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Distancia: 4671.0

Ruta: [0, 9, 6, 16, 2, 10, 5, 4, 15, 7, 13, 14, 1, 8, 11, 3, 12, 0]

## Segunda prueba con 10 hormigas y 400 iteraciones

Distancia: 4681.0

```
step: entrenamiento_otros_parametros
[25]: # antcolony
       ruta, dist = ant_colony(G, dic_dists, init=0, ants=10, max_iter=400, verbose=20)
        iter: 1 / 400 - dist: 4681.0
        iter: 20 / 400 - dist: 4681.0
        iter: 40 / 400 - dist: 4681.0
        iter: 60 / 400 - dist: 4681.0
iter: 80 / 400 - dist: 4681.0
        iter: 100 / 400 - dist: 4681.0
iter: 120 / 400 - dist: 4681.0
        iter: 140 / 400 - dist: 4681.0
iter: 160 / 400 - dist: 4681.0
        iter: 180 / 400 - dist: 4681.0
        iter: 200 / 400 - dist: 4681.0
        iter: 220 / 400 - dist: 4681.0
        iter: 240 / 400
                            - dist: 4681.0
        iter: 260 / 400
                            - dist: 4681.0
        iter: 280 / 400 - dist: 4681.0
        iter: 300 / 400 - dist: 4681.0
       iter: 300 / 400 - dist: 4681.0
iter: 340 / 400 - dist: 4681.0
iter: 360 / 400 - dist: 4681.0
iter: 380 / 400 - dist: 4681.0
iter: 400 / 400 - dist: 4681.0
    Resumen:
                Nro. de hormigas: 10
                Iteraciones: 400
                Distancia: 4681.0
                Nodo inicial: 0
                Ruta: [0, 13, 8, 5, 9, 4, 12, 16, 3, 11, 14, 1, 15, 10, 2, 7, 6, 0]
                                                    2
```

Ruta: [0, 13, 8, 5, 9, 4, 12, 16, 3, 11, 14, 1, 15, 10, 2, 7, 6, 0]