References for genetic and particle swarm optimization:

<https://research.ijcaonline.org/volume77/number14/pxc3891153.pdf>

<https://www.hindawi.com/journals/cin/2015/369298/>

Comparison between Genetic and Particle Swarm Optimization:

The size of neural network for Particle Swarm is bigger than Genetic algorithm but results were better when I optimised neural network with Genetic algorithm with loss value of 0.25 after 100 epochs while when I optimised the neural network with particle swarm optimization the loss value was around 0.8

The activating function used was sigmoid function when I optimised with genetic algorithm

Results were better when I used combination of sigmoid and relu while optimising neural network with particle swarm optimisation