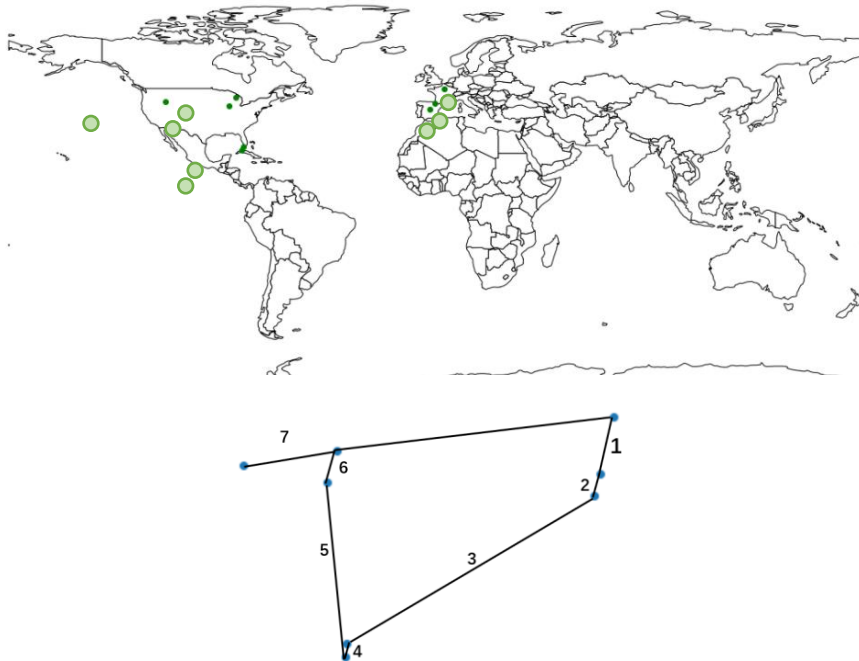


A summary of the places where Hemingway lived

Louis - Kaiyang Liu

Ernest Hemingway went to many places in his life, in this report, we mainly consider eight places, which are “Oak Park, Illinois, USA”, “Horton Bay, Michigan, USA”, “Key West, Florida, USA”, “Ketchum, Idaho, USA”, “Paris, France”, “Pamplona, Spain”, “Madrid, Spain”, and “Havana, Cuba”.



$$(1)750\text{km}+(2)320\text{km}+(3)7300\text{km}+(4)170\text{km}+(5)2150\text{km}+(6)430\text{km}+(7)2300\text{km}$$

We mark those eight places use eight green points on the world map and gain their location and use latitude and longitude to measure them. In order to gain the shortest distance, we need to use the greedy algorithm to find the optimized path and solve this Travelling Salesman Problem. From image 2, we can see that the route which connected all those cities and the priority of travel cities. The beginning place is “Paris, France” and the terminal place is “Ketchum, Idaho, USA”, after calculation, the shortest distance to these locations is around 13420km, which is nearly a quarter of the circumference of the earth! In conclusion, Hemingway went to many places in his whole life, the experience around the world make him have different insights through the things that were happened around him, and his journey made his works unique.