

The primary aim of this project is to establish the route and delivery arrangement for the Western Governors University Parcel Service (WGUPS) by using Python 3.11. This task involves the allocation of 40 packages to two trucks, each operated by one of three drivers. Some packages come with specific delivery restrictions or have experienced delays requiring them to be loaded on certain trucks. After determining how the packages should be loaded, the implementation of a nearest neighbor algorithm is used to determine each truck's next destination based on data obtained from CSV files. The user can see the delivery order of the packages when the deliveries occurred, and if each package arrived at its destination on time.