What I will go first is the research background.

The reasons why we choose the task of identifying fruits are as follows:

On one side, fruits have certain categories that are hard to differentiate, like the citrus genus, that contains oranges and grapefruits. Thus we want to see how well can an artificial intelligence complete the task of classifying them.

Another reason is that fruits are very often found in stores, so they serve as a good starting point for building more complex projects.

What’s more,researching a successful fruit classification model is of great importance.

Fruits, as an important component of human daily diet, also play a crucial role in the food industry

Besides,by solving fruit classification, we can further apply it to scenarios such as automated fruit sorting, supermarket automatic replenishment, and autonomous fruit harvesting