

DV2573 Decision Support Systems

Assignment-1

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Aim

To plan a travel from Copenhagen Airport to Karlskrona.

Description

To create a model (decision support system) that guides the user through the many options for getting from Copenhagen Airport to Karlskrona. The user can travel to his or her destination in one of two ways: 1) by air or 2) by land .

Air way:

If the person has a personal flight, they can choose this mode of transportation. Because the entire journey takes around an hour, they simply need to pay for the train ride.

1. Personal flight

From	Routing			To
Copenhagen Airport	Personal flight from Copenhagen Airport to Ronneby Airport takes "42 minutes".	The travelling time from Ronneby Airport to Ronneby train station is "11 minutes" by car or bus.	Traveling by train or bus from Ronneby railway station to Karlskrona central station takes an average of "15 minutes."	Karlskrona

Road way:

There are many road ways to reach the destination a person can take train, car, cycling and can also walk.

2. Train journey

From	Routing	To
Copenhagen Airport	Traveling by direct rail from Copenhagen Airport to Karlskrona central station takes 3 hours and 25 minutes, and the train fare ranges between 230 and 320 kr.	Karlskrona

3. Car journey

From	Routing	To
Copenhagen Airport	Traveling by car from Copenhagen Airport to Karlskrona central station takes 2 hours and 49 minutes and the cost of the journey depends on the taxi fare.	Karlskrona

4. Walking

From	Routing	To
Copenhagen Airport	Walking is also an option for getting to the destination, and the journey takes about 55 hours.	Karlskrona

5. Cycling

From	Routing			To
Copenhagen Airport	By cycling from Copenhagen airport to Helsingr, the travel duration varies from person to person.	Helsingborg to Helsingr may be reached by ferry, which costs around 60 kr.	From Helsingborg to Karlskrona, you can cycle, drive, or take the bus.	Karlskrona