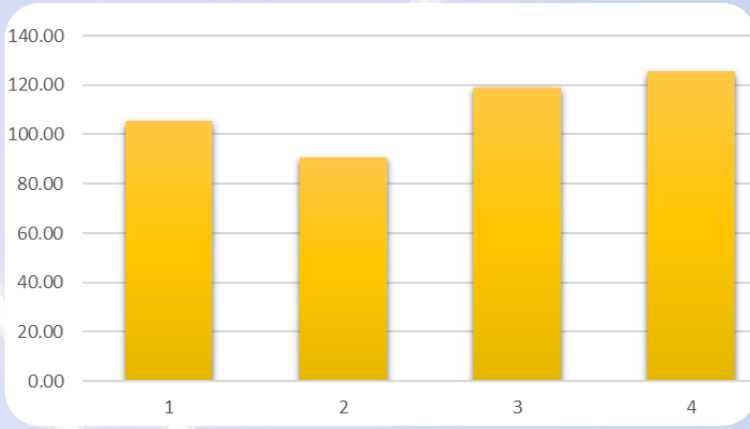


Safety standards and crowd behaviour

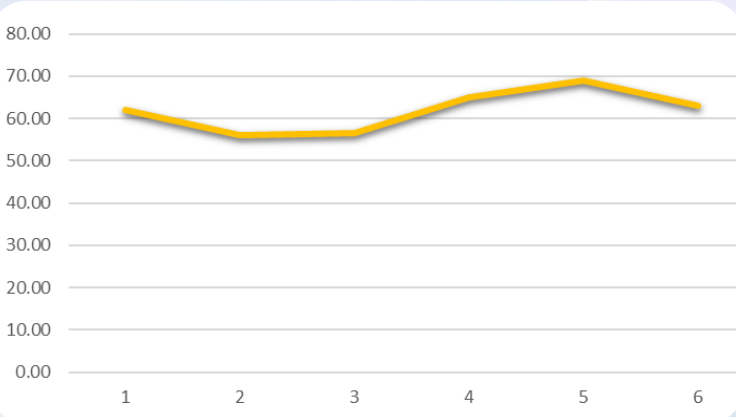
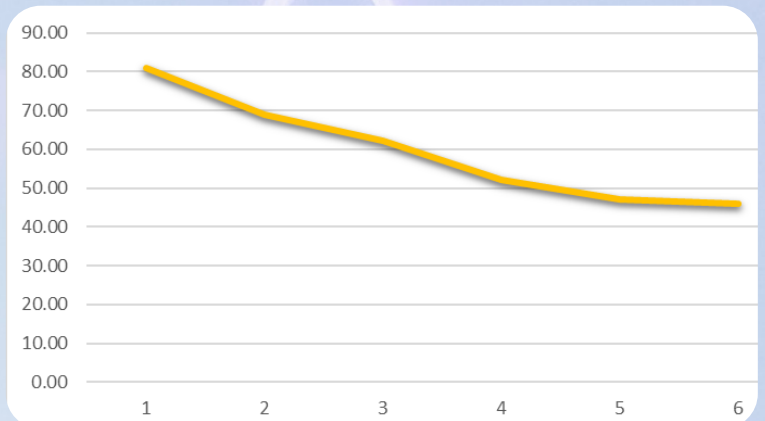


THROUGHPUT OF A BOTTLENECK

On average 110 people were able to pass a one-meter-wide bottleneck within one minute without any disrupting factors.

THROUGHPUT OF STAIRS UPWARDS

On average 59 people were able to pass a one-meter-wide stair upwards without any disrupting factors.



THROUGHPUT OF STAIRS DOWNWARDS

On average 61 people were able to pass a one-meter-wide stair downwards without any disrupting factors.

CROWD BEHAVIOUR

It is difficult suggest a most desired behaviour, due to the unpredictability of people's behaviour during an emergency. Research has shown tendencies, where uncooperative behaviour slows down the evacuation time. However, this highly depends on the profile of the people, the design of the bottleneck and the circumstances of the situation.



END PRODUCT

As a result of this research, a knowledge clip and a short essay has been created. It can be found via these QR-Codes



Knowledge clip



Essay