



SBB CHALLENGE

The better bike booking

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Problem



Multiple reservation



No-shows



Decrease in customer satisfaction



Inefficient use of space

Challenge



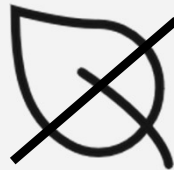
Multiple reservation



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Solution

Input

- Start & destination
- Date & time

The screenshot shows the SBB CFF FFS website interface. At the top, there is a red header with the SBB logo and the text 'SBB CFF FFS'. Below the header, there is a white box containing a form with three input fields: 'START' (with a sub-label 'Enter your start location here'), 'DESTINATION' (with a sub-label 'Enter your destination here'), and 'START TIME' (with a sub-label 'Select a date and time'). A red 'Search' button is located at the bottom of the form.

Output

- Latest time for reservation

XGBoost Model

200'000+
Reservations

Temperature

Bike Index

Line

Capacity

Holidays