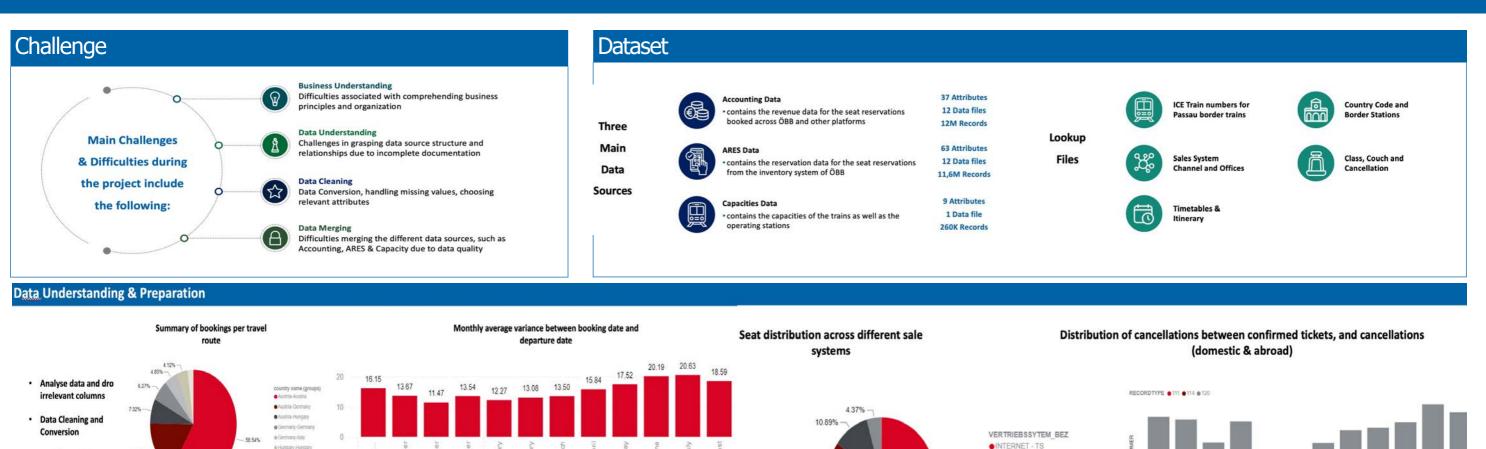




## Data Science Project 25 – Seat Reservation

la Diakonidze, Raela Salja, Dunja Milojevic





31.85%

## **Results and Conclusions**

Handling Missing Dat

and data aggregation

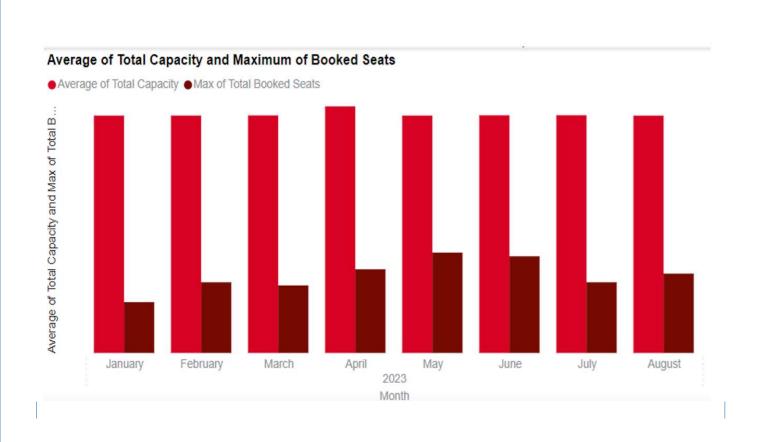


We achieved our primary objective by enhancing our comprehension of the provided datasets and gaining deeper insights into the distribution of data across various attributes.



Month of departure

In relation to the secondary objective, challenges arose due to data quality issues; nevertheless, we effectively communicated noteworthy insights to the project owner regarding the process of data merging



## Percentage of maximum booked seats compared to capacities 50 % 40 % 40 % 30 % 21.40 % 29.75 % 21.40 % 28.43 % 29.71 % 20 % Month

OUIC TS Reserv

TS-Bed. Verkauf
 INTERNET-EXTERN

@IVB

ber	TRAIN	Year	Month	Total Capacity	Second Class capacity	Business Class capacity	First Class capacity
	228		October	390	335	(	55
	228	2022	December	403	328		75
	228	2023	January	383	328	(	55
	228	2023	February	383	328		55
	228	2023	March	383	328		55
	228	2023	April	383	328	(	55
	228	2023	May	383	328		55
	228	2023	June	383	328	(	55
er							
	TRAIN	Year	Month T	,	Second Class	Business Class	First Class
					capacity	capacity	capacity

383

390

328

335

55

55

0

228

228

2023 March

2023 March

26

27

28