

# AlpineSync

## Elevating the Ski Experience with Data Science and Machine Learning

23 Feb 2024

**CONSTRUCTOR**  
ACADEMY



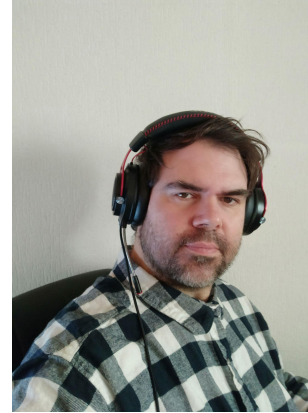
# The AlpineSync Team



Oluwatosin  
Aderanti



Paul  
Biesold

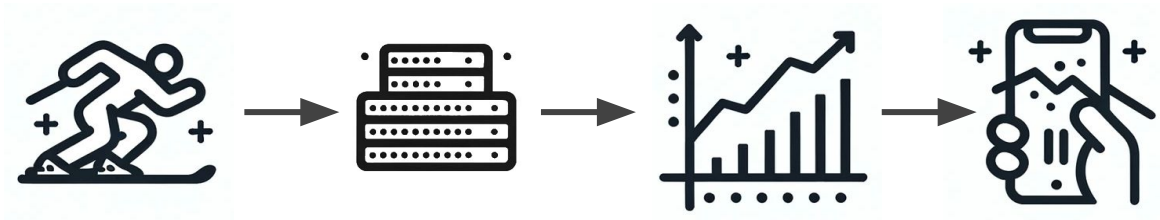


Raphael  
Penayo  
Schwarz



Sebastian  
Rozo

# Elevating the Ski Experience with Data Science and Machine Learning



# The Company & The Challenge



To provide an alternative to existing manual lift ticket scanning, particularly in instances where scanning machines are unavailable.

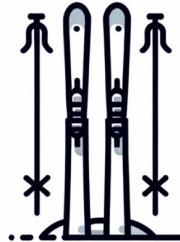
**skiline**.cc



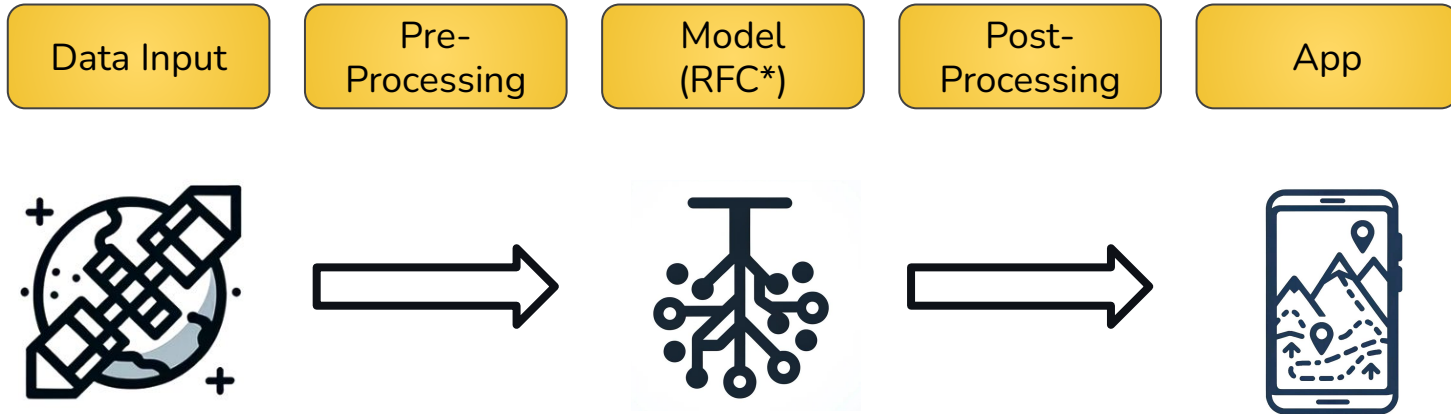


# The Idea

- Identify lift rides in real time
- Determine the location of the lift

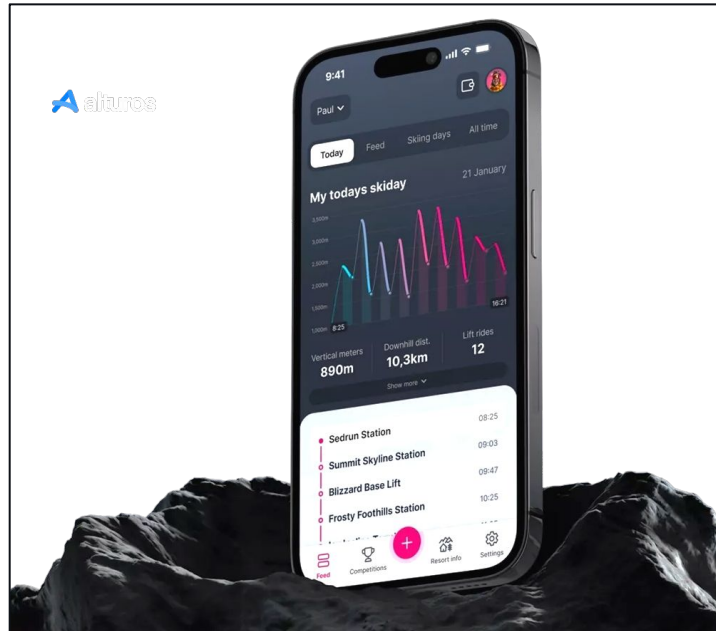


# The Approach





# The AlpineSync App



## Simulation

Please use the simulator to create a simulation for data visualization

Topic 2021

Simulate

### Real time simulation



### Summary of Rules (by rule's frequency)

- 1. Rule 1 (Rule 1) was used 1 time.
- 1. Rule 2 (Rule 2) was used 1 time.
- 1. Rule 3 (Rule 3) was used 1 time.

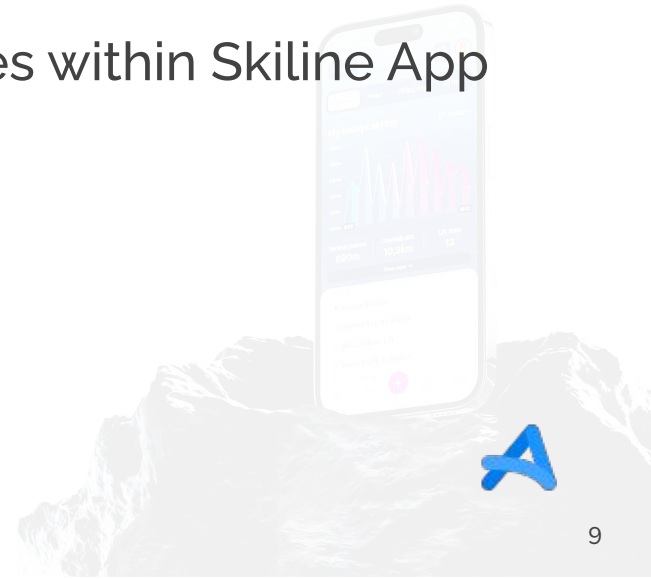
Simulation ended successfully





# The Future Vision

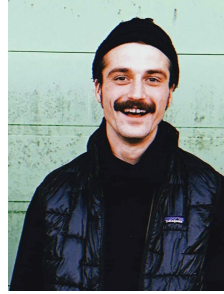
- Test algorithms within a wider geographical scope
- Improve machine learning algorithm for lift differentiation
- Implementation of AlpineSync features within Skiline App



# Let's Connect! Happy Skiing!



Oluwatosin  
Aderanti



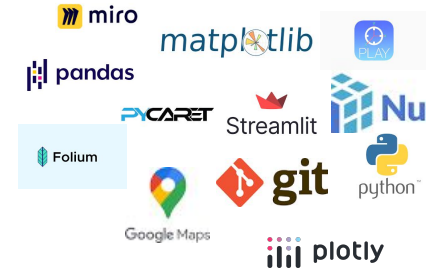
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# Happy Skiing!

