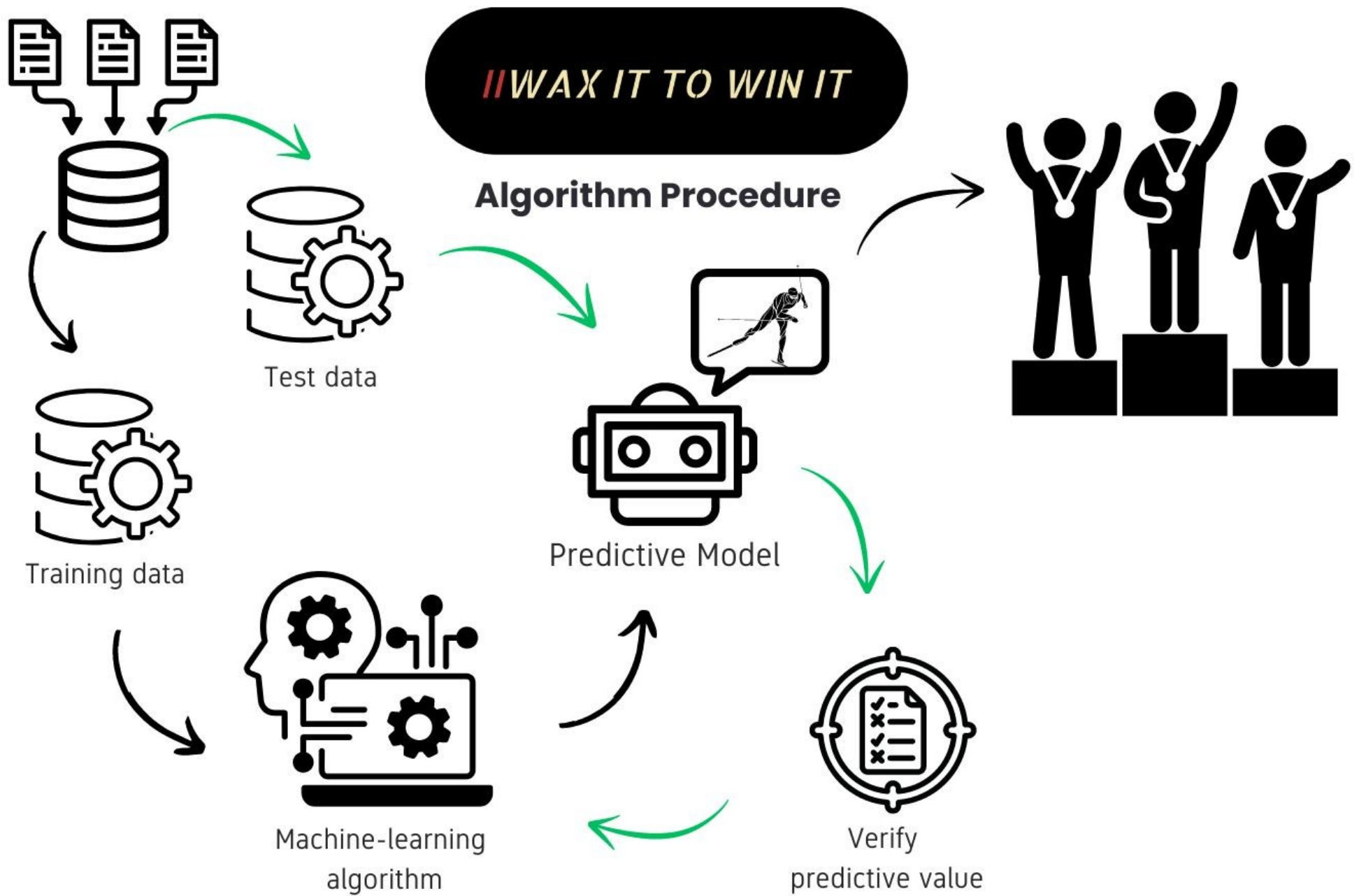




//WAX IT TO WIN IT

Wax Test Results

Date: October 27th, 2024

Location: Whitehorse Nordic Centre

Test time: 11:00am

Wax testers: SLG, JLM

Wax Rank

1. Vauhti Pro Warm Liquid
2. Swix PS7 Block
3. Swix PS7 Liquid
4. Vauhti Pro Warm Block
5. Swix BS8 Block
6. Swix PS6 Block
7. Swix PS5 Block

Weather Information

Snow temperature: -6.7°C

Air temperature: -2.6°C

Relative humidity (Env Canada): 79%

Date of last snowfall: 3 days (21cm)

Snow Information

Snow type:

- FN Falling new
- NS New natural snow (<24 hrs)
- **OS Old natural snow (>24hrs)**
- TR Transformed natural
- A2 Artificial new
- A5 Transformed artificial

Grain size:

- G0 0.0-0.2mm extra fine
- G1 0.2-0.5mm very fine
- G2 0.5-1.0mm fine
- G3 1.0-2.0mm average
- **G4 2.0-4.0mm coarse**
- G5 >4.0mm very coarse

Snow humidity:

- DS Dry
- **W1 moist**
- W2 wet
- W3 very wet
- W4 slush

Track hardness:

- H1 Very soft
- **H2 Soft**
- H3 Med hard
- H4 Very hard
- H5 Ice

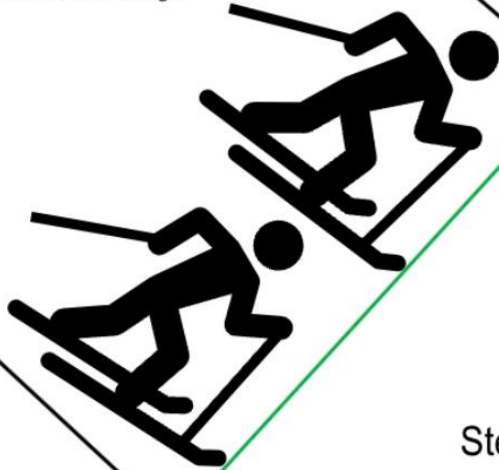
Track consistency:

- T1 partly shiny
- T2 shiny
- **D1 partly dirty**
- D2 dirty

//WAX IT TO WIN IT

Wax testing procedure

Step 1: Start at pre-determined and marked point on hill, go down hill with arms linked until speed is equalized between the two ski testers, then let go.



Step 3: Switch skis and repeat steps 1-2 (to negate any differences in weight or aerodynamic properties of the ski testers).

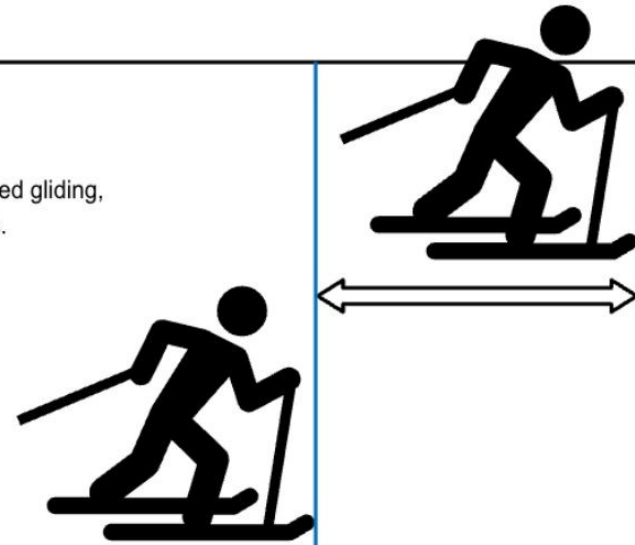
Step 4: Calculate net difference in distance and rank the skis.

Step 5: Repeat steps 1-4 with new sets of skis until a full ranking is established.

Test A: Ski 1 vs Ski 2
Test B: Ski 3 vs Ski 4
Test C: Winner A vs Winner B
Test D: Loser A vs Loser B
Test E: Loser C vs Winner D

Rank
1st = Winner C
2nd = Winner E
3rd = Loser E
4th = Loser D

Step 2: Once both skiers have stopped gliding, measure distance between skis.



Variable control:

- All four pairs of skis are identical (Salomon RS7 179cm)
- All skis are waxed using the same method and materials (roto brush application)
- All skis are cleaned with wax remover after the test to ensure that there is no cross-contamination in subsequent tests