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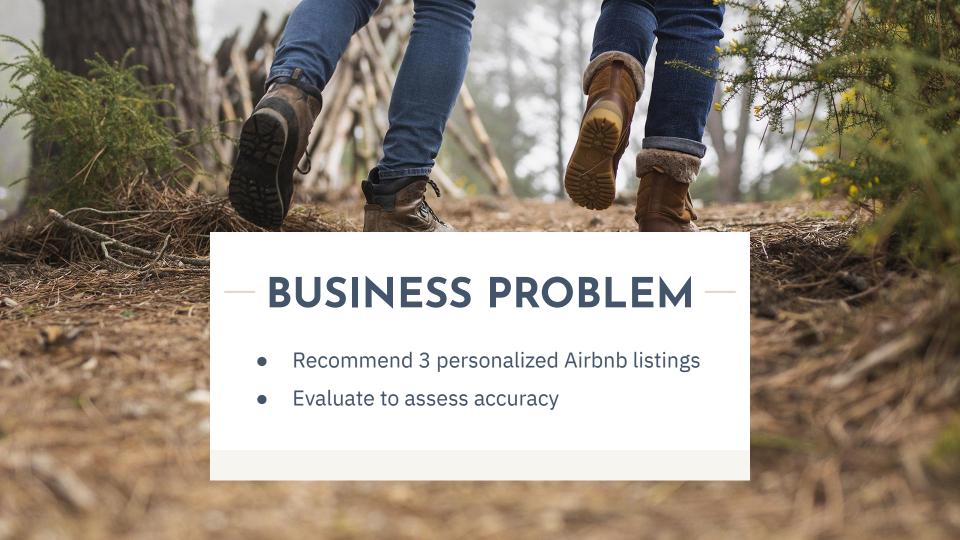
01 BUSINESS PROBLEM

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DATA UNDERSTANDING

- June 2024 Asheville, NC data from Airbnb
- Listing and review information





MODELING

Collaborative filter recommender model

• Input: User ID

Output: 3 Asheville, NC Airbnb personalized recommendations

Listing #1: Beautiful Mtn Views from covered porch | 3 min -DT



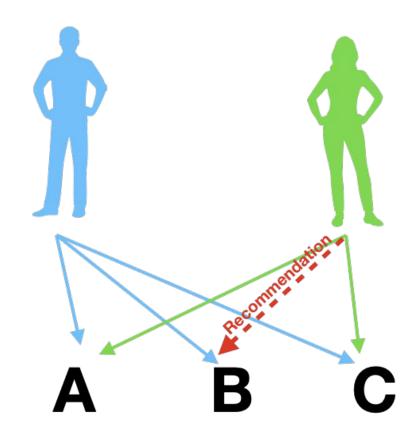
Listing #2: Quiet Refuge Close to Downtown



Listing #3: Spend Quality Time In Fabulous Asheville



MODELING



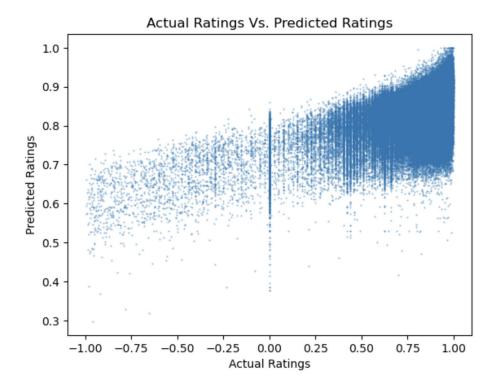


Positive: 0.05 - 1

Neutral: between -0.05 and 0.05

Negative: -1 - -0.05

RMSE: approximately 0.17





NEXT STEPS

- 1. Expand to additional cities
- 2. Incorporate additional factors
- 3. New Users

