



Flight Difficulty Score: A Data-Driven Approach to Identify and Manage Complex Flights at ORD Airport !!



SUBMITTED BY: ASHMIT MALHOTRA , AADI JAIN
HACKATHON: UNITED AIRLINES SKYHACK 2025





Table of Contents

1. EXECUTIVE SUMMARY
2. DATA OVERVIEW
3. EDA FINDINGS
4. FEATURE ENGINEERING
5. DIFFICULTY SCORE FRAMEWORK
6. RESULTS & VALIDATION
7. OPERATIONAL INSIGHTS
8. CONCLUSION & RECOMMENDATIONS

THIS PRESENTATION WALKS
THROUGH OUR COMPLETE
ANALYTICAL APPROACH —
FROM DATA EXPLORATION TO
ACTIONABLE INSIGHTS !!