DENZEL GREEN
KIONNA TAYLOR
MICHAEL VALENZUELA

ANALYZING SEASONAL **ATTENDANCE TRENDS** AND **SOCIO-DEMOGRAPHIC FACTORS IN STUDENT** PERFORMANCE



DATA SET: DAILY ATTENDANCE TRENDS

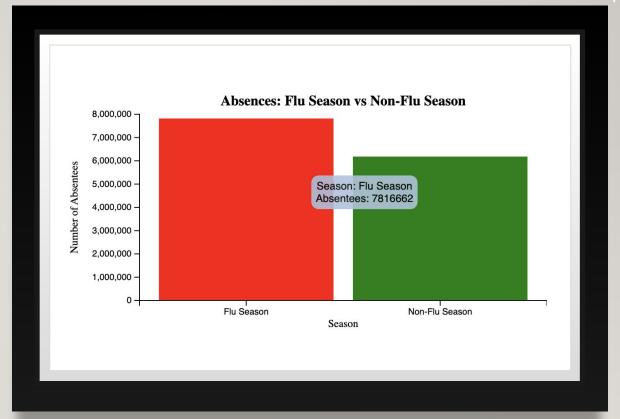
•DAILY LISTING OF STUDENTS REGISTERED, PRESENT, ABSENT, AND RELEASED BY SCHOOL DBN



SEASONAL ABSENTEEISM



FLU SEASON IMPACT



SPRING: HIGHEST ABSENTEEISM

FLU SEASON: SIGNIFICANT

IMPACT

KEY FINDINGS: ATTENDANCE



DATA

PREPROCESSING

1,000

REDUCED FROM 30 TO

O

I 5 ESSENTIAL

ATTRIBUTES







STRUGGLES WITH
IDENTIFYING
STUDENTS AT RISK OF
FAILING

MODEL LIMITATIONS

