

# STUDENT DROPOUT RISK ANALYTICS

Total Students

1K

Students at Overall Risk

311

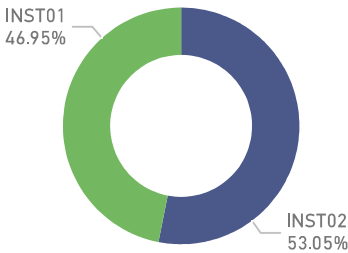
Academic Risk Students

115

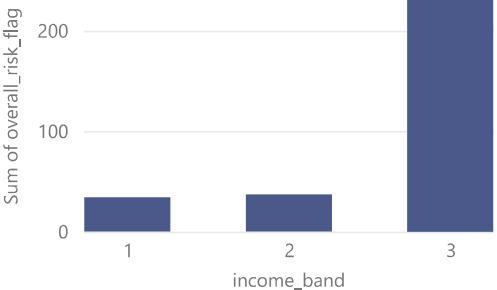
Attendance Risk Students

236

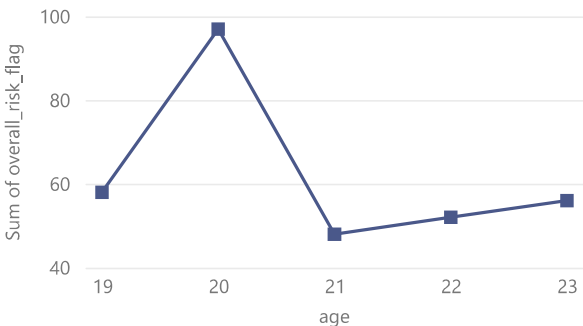
Institution-wise Risk



Risk By Income Band



Risk By Age



institution\_code

☐ INST01

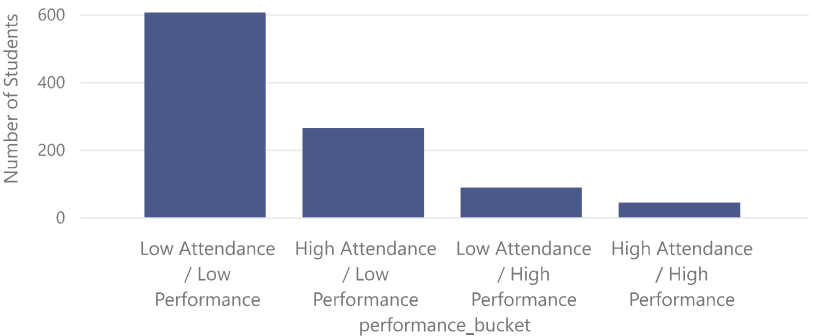
☐ INST02

academic\_year

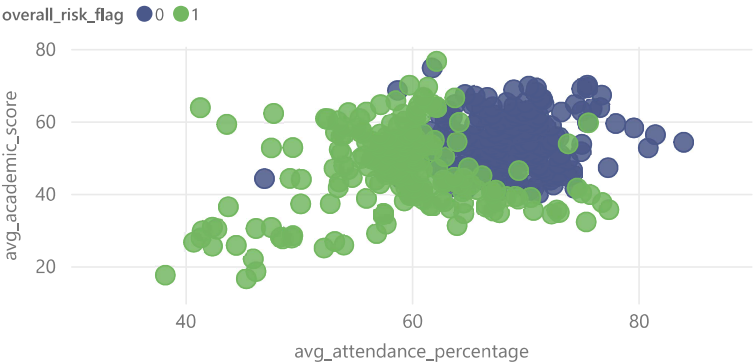
☐ 2023-2024

☐ 2024-2025

Student Performance Buckets



Attendance vs Academic Performance



urban\_rural

☐ RURAL

☐ URBAN

income\_band

☐ 1

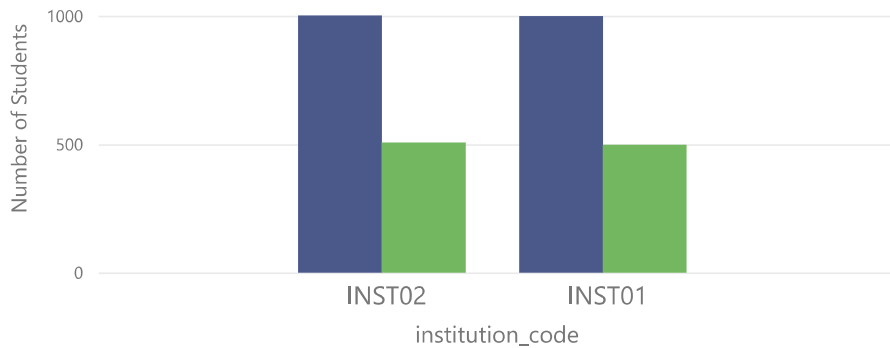
☐ 2

☐ 3

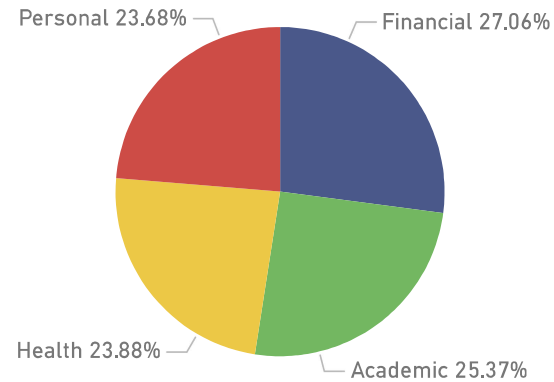
# RETENTION TREND ANALYSIS

Students vs Dropouts By Institution

● Sum of total\_students ● Sum of total\_dropouts



Dropout Reason Distribution



Dropout Rate

**50.25**

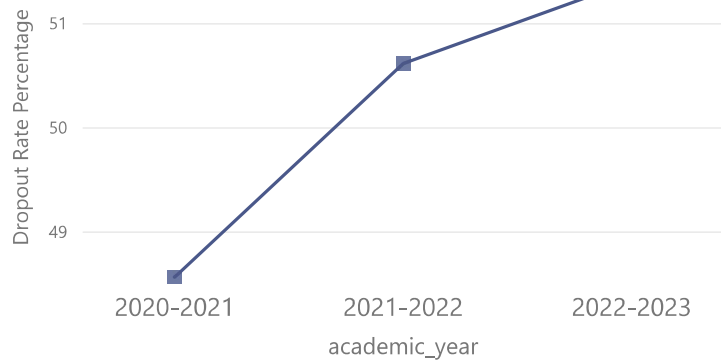
Retention Rate

**49.75**

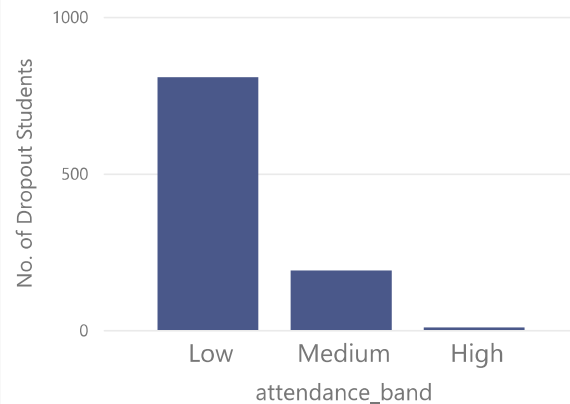
Total Students

**2K**

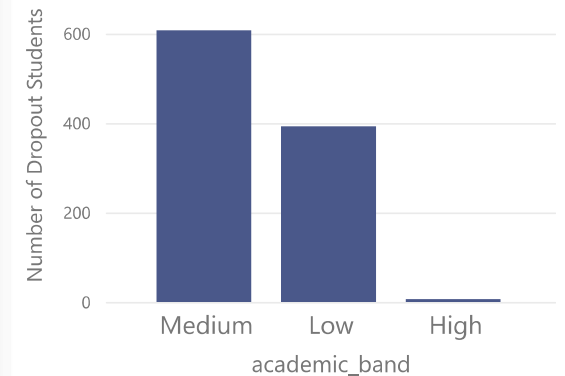
Dropout Rate % By Academic Year



Past Dropouts by Attendance



Past Dropouts By Academics



# ACADEMIC PLANNING & INTERVENTION

Overall Risk Percentage

31.10

Average Attendance Score

65.58

Average Academic Score

50.95

Failure Percentage

24.44

institution\_code ▾

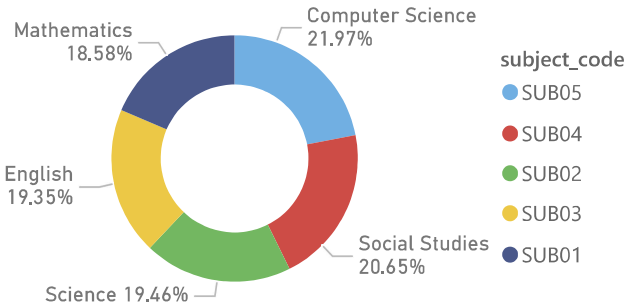
☐ INST01

☐ INST02

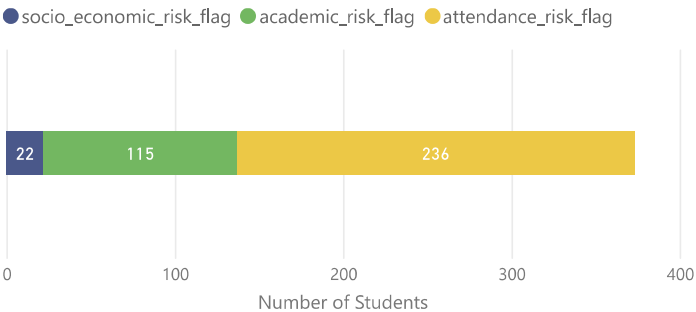
Early Intervention Candidates

student_id	institution_code	Sum of avg_attendance_percentage	Sum of avg_academic_score
S593-24	INST02	45.40	16.50
S710-25	INST02	38.25	17.50
S164-25	INST02	46.25	18.50
S643-24	INST01	46.00	22.00
S142-25	INST02	48.00	25.00
S450-25	INST02	56.50	25.00
S219-25	INST01	42.40	25.50
S818-24	INST02	44.50	25.75
S192-24	INST02	54.00	25.80
S860-25	INST02	40.75	26.60
S927-24	INST01	53.20	26.80
S199-24	INST02	48.60	27.50
S341-25	INST02	49.40	27.75
S655-25	INST02	41.40	27.80
S637-25	INST01	48.40	28.00
S991-24	INST02	49.50	28.40
S153-25	INST02	51.80	29.00
S213-25	INST02	62.00	29.00

Subject Wise Failure %



Risk Groups



# SUBJECT LEVEL INTERVENTION STRATEGIES

