



# Student Academic Risk Dashboard

Average Marks

71.73

Average Attendance

79.22

Average Logins

23.57

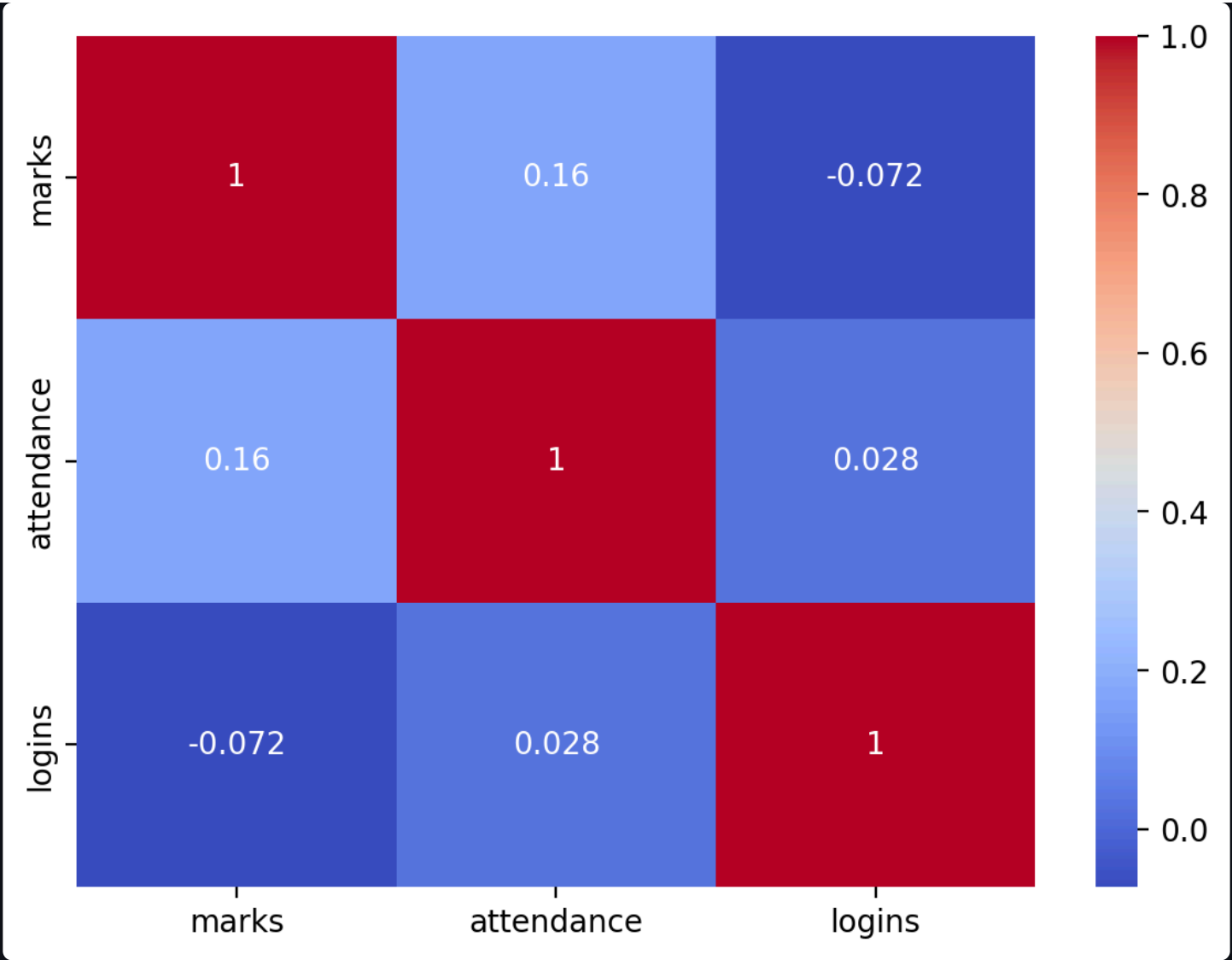
## At-Risk Students Overview

Number of At-Risk Students: 7 (7.0%)

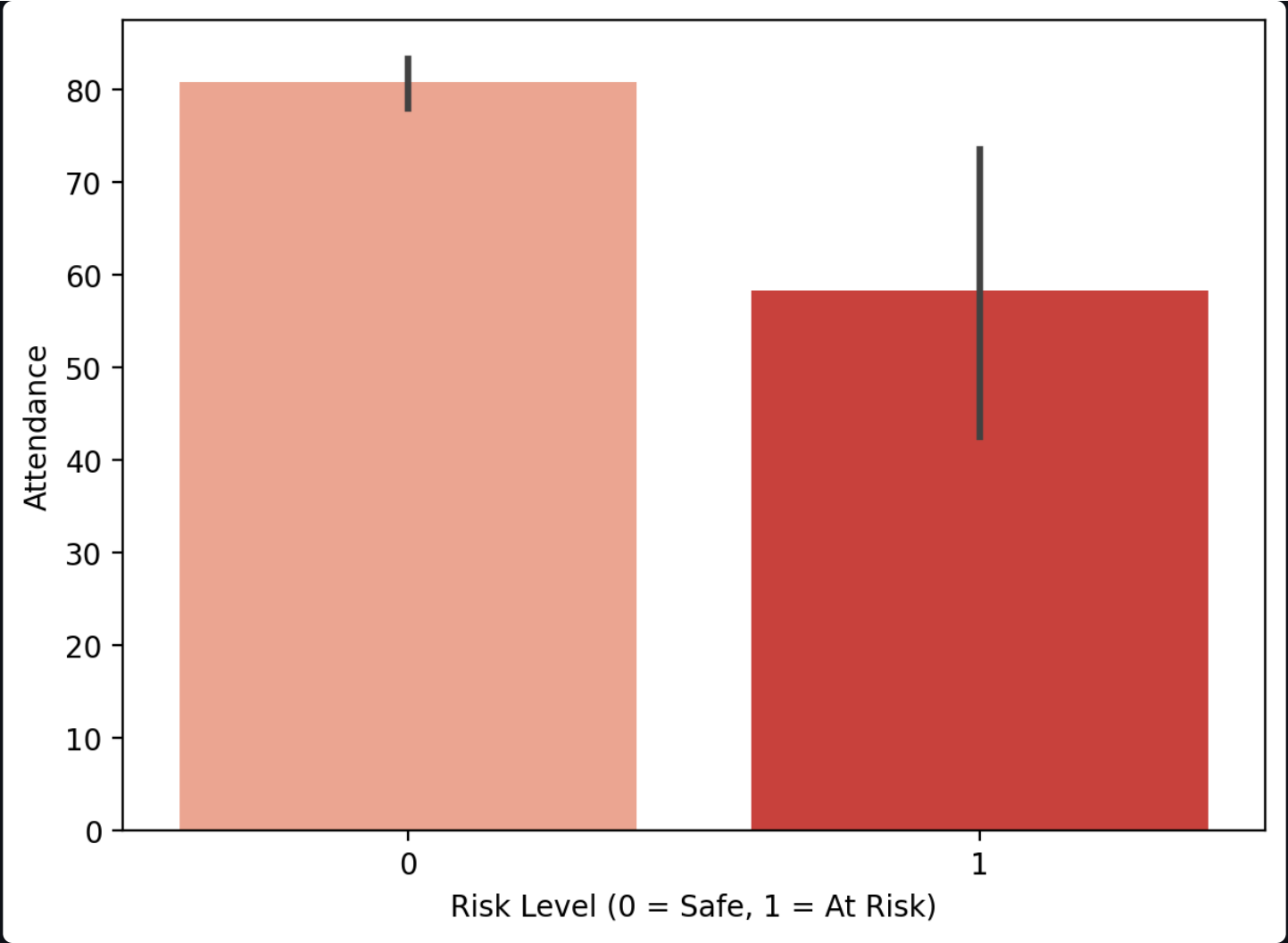
Top 10 At-Risk Students (Lowest Marks & Attendance):

	marks	attendance	logins	engagement_score	suggestion
4	20	35	17	37.25	Academic coaching, Attendance counsel
63	23	88	26	81.1	Academic coaching
47	35	77	34	79.4	Academic coaching
78	36	77	19	68.15	Academic coaching
80	61	30	18	34.5	Attendance counseling, Mentorship prog
30	70	45	29	53.25	Attendance counseling, Mentorship prog
16	92	56	13	48.95	Attendance counseling, Mentorship prog

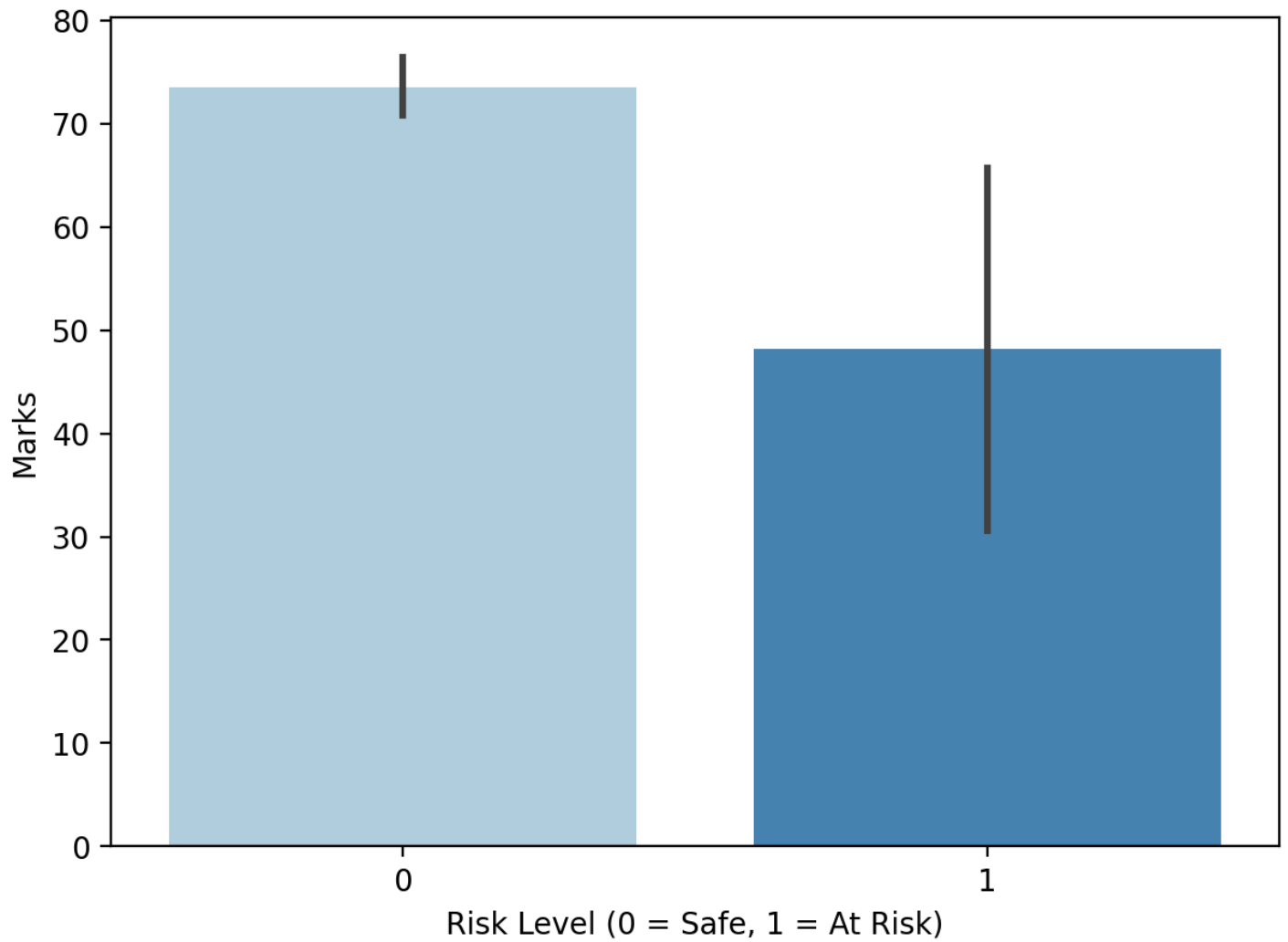
## Correlation Between Features



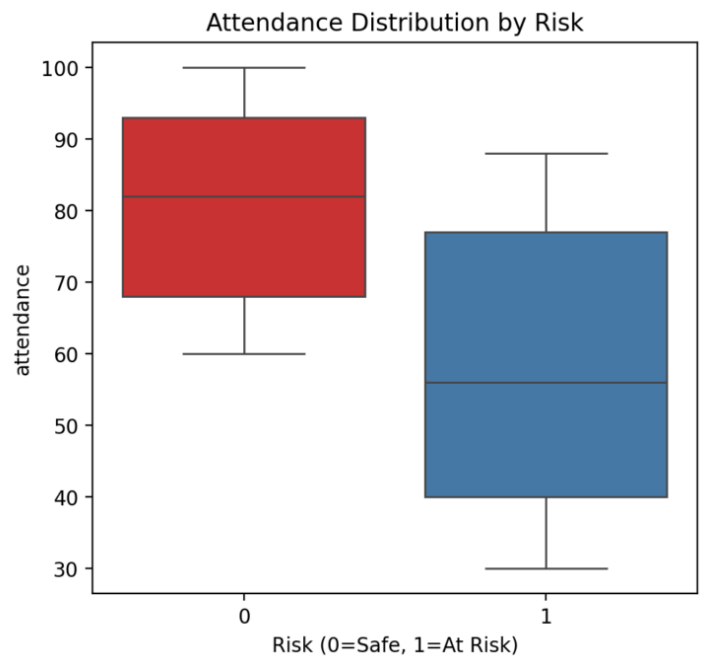
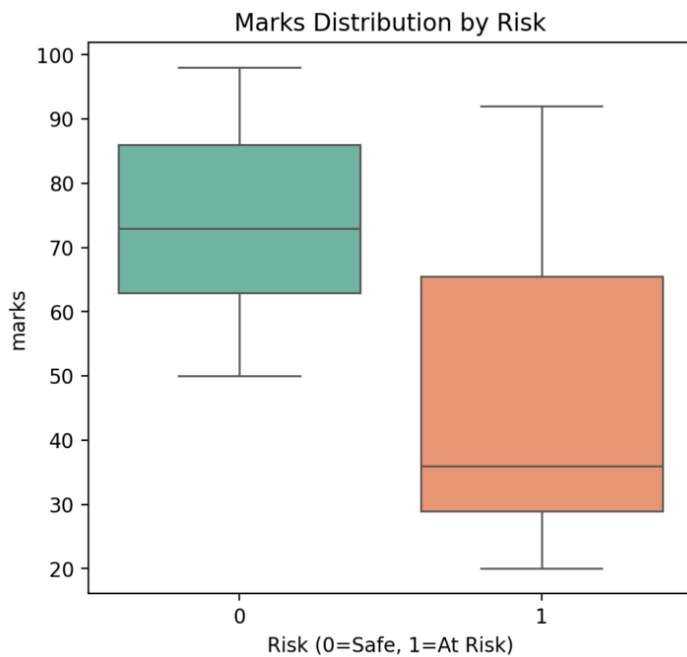
Absentee Impact on Student Risk



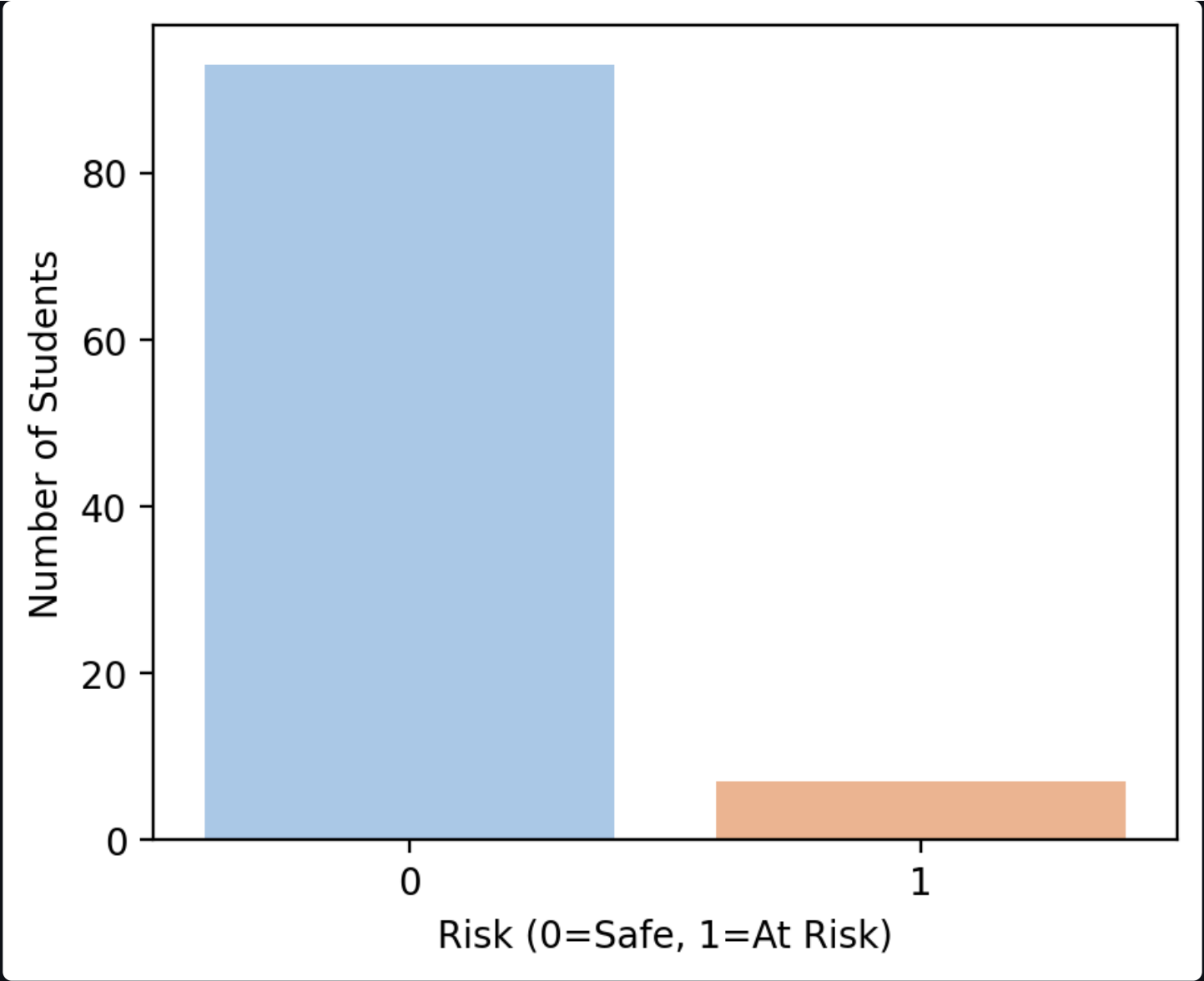
Performance Comparison of Students



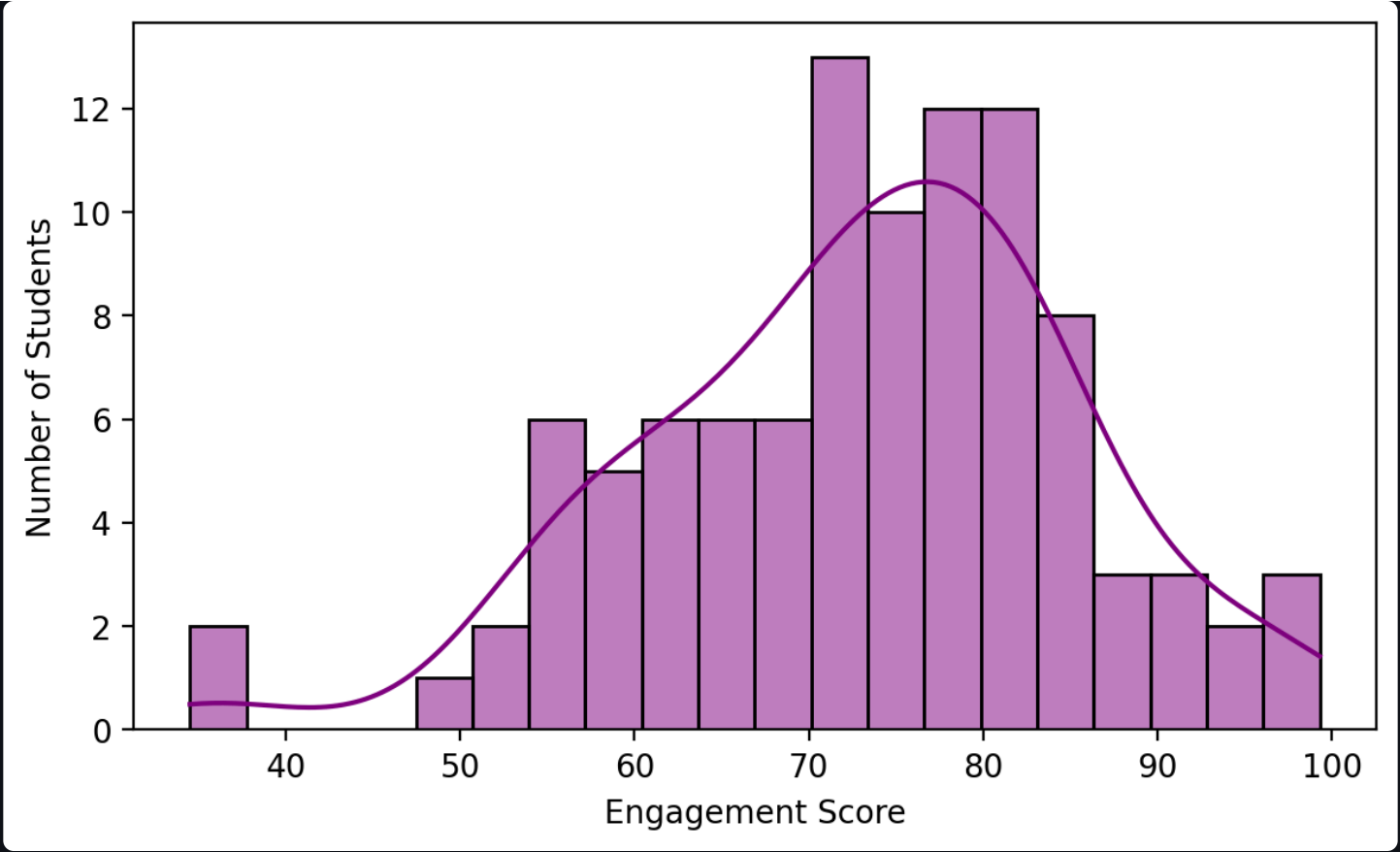
### Distribution of Marks and Attendance by Risk



### Count of Safe vs At-Risk Students



Distribution of Engagement Scores



Model Performance

Model Accuracy: 0.90

	precision	recall	f1-score	support
0	0.89	1.00	0.94	17
1	1.00	0.33	0.50	3
accuracy		0.90		20
macro avg	0.95	0.67	0.72	20
weighted avg	0.91	0.90	0.88	20