Predicted Risks with Explanations

	pr_id	lines changed	files changed	coverage	past failures	risk label	predicted risk	risk score	explanation
	pi_iu	ililes_changed	nies_changed	Coverage	past_lallules	risk_label	predicted_risk	risk_score	Risk Level: Medium (0.10 confidence)
0	PR_1	112	2	43.900000	1	Medium	Medium	0.100000	- Lines changed: 112 - Test coverage: 43.9% - Deployment history: 1 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
1	PR_2	445	12	96.930000	1	Medium	Medium	0.030000	Risk Level: Medium (0.03 confidence) - Lines changed: 445 - Test coverage: 96.93% - Deployment history: 1 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
2	PR_3	358	6	97.940000	5	Medium	Medium	0.120000	Risk Level: Medium (0.12 confidence) - Lines changed: 358 - Test coverage: 97.94% - Deployment history: 5 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
3	PR_4	280	2	88.500000	3	Medium	Medium	0.040000	Risk Level: Medium (0.04 confidence) - Lines changed: 280 - Test coverage: 88.5% - Deployment history: 3 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
4	PR_5	116	1	58.280000	5	Medium	Medium	0.060000	Risk Level: Medium (0.06 confidence) - Lines changed: 116 - Test coverage: 58.28% - Deployment history: 5 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
5	PR_6	81	12	45.860000	5	Medium	Medium	0.060000	Risk Level: Medium (0.06 confidence) - Lines changed: 81 - Test coverage: 45.86% - Deployment history: 5 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
6	PR_7	198	12	81.050000	3	Medium	Medium	0.000000	Risk Level: Medium (0.00 confidence) - Lines changed: 198 - Test coverage: 81.05% - Deployment history: 3 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
7	PR_8	30	17	66.410000	0	Medium	Medium	0.000000	Risk Level: Medium (0.00 confidence) - Lines changed: 30 - Test coverage: 66.41% - Deployment history: 0 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
8	PR_9	112	10	47.320000	5	Medium	Medium	0.060000	Risk Level: Medium (0.06 confidence) - Lines changed: 112 - Test coverage: 47.32% - Deployment history: 5 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
9	PR_10	131	16	69.710000	4	Medium	Medium	0.040000	Risk Level: Medium (0.04 confidence) - Lines changed: 131 - Test coverage: 69.71% - Deployment history: 4 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
10	PR_11	476	15	42.060000	4	High	High	0.830000	Risk Level: High (0.83 confidence) - Lines changed: 476 - Test coverage: 42.06% - Deployment history: 4 failures [Warning] This change touches critical files with low test coverage and a
									history of failed rollouts.
11	PR_12	224	15	94.560000	1	Medium	Medium	0.000000	Risk Level: Medium (0.00 confidence) - Lines changed: 224 - Test coverage: 94.56% - Deployment history: 1 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
12	PR_13	340	19	55.530000	4	High	High	0.740000	Risk Level: High (0.74 confidence) - Lines changed: 340 - Test coverage: 55.53% - Deployment history: 4 failures [Warning] This change touches critical files with low test coverage and a
									warning) this change touches critical files with low test coverage and a history of failed rollouts.
13	PR_14	468	12	79.750000	1	Medium	Medium	0.060000	Risk Level: Medium (0.06 confidence) - Lines changed: 468 - Test coverage: 79.75% - Deployment history: 1 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.

	pr_id	lines_changed	files_changed	coverage	past_failures	risk_label	predicted_risk	risk_score	explanation
14	PR_15	97	20	58.700000	0	Medium	Medium	0.040000	Risk Level: Medium (0.04 confidence) - Lines changed: 97 - Test coverage: 58.7% - Deployment history: 0 failures [Warning] Moderate risk due to either size, coverage, or past failures.
									Risk Level: Medium (0.09 confidence)
15	PR_16	382	3	71.200000	3	Medium	Medium	0.090000	- Lines changed: 382 - Test coverage: 71.2% - Deployment history: 3 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
16	PR_17	109	5	72.800000	3	Medium	Medium	0.000000	Risk Level: Medium (0.00 confidence) - Lines changed: 109 - Test coverage: 72.8% - Deployment history: 3 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
17	PR_18	369	19	51.090000	3	High	High	0.830000	Risk Level: High (0.83 confidence) - Lines changed: 369 - Test coverage: 51.09% - Deployment history: 3 failures [Warning] This change touches critical files with low test coverage and a
									history of failed rollouts.
18	PR_19	161	7	98.180000	4	Medium	Medium	0.030000	Risk Level: Medium (0.03 confidence) - Lines changed: 161 - Test coverage: 98.18% - Deployment history: 4 failures
									[Warning] Moderate risk due to either size, coverage, or past failures.
19	PR_20	140	9	86.510000	0	Low	Low	0.000000	Risk Level: Low (0.00 confidence) - Lines changed: 140 - Test coverage: 86.51% - Deployment history: 0 failures Low risk: small change, good coverage, stable history.