# Test Report

Run ID: 20935546815-py3.12 • Generated: 2026-01-12 21:26:58 • Duration: 14.82s
**Plugin:** v0.1.0 (2f498263985a34902252c53c11fb820445bd8f21) [dirty]
**Repo:** v0.1.0 (a6dcb549373a6419f93704092ad1d1cd59a97c68)

## 95.8%
Total Coverage

| 282 | 282 | 0 | 0 |
|:---:|:---:|:---:|:---:|
| **TOTAL TESTS** | **PASSED** | **FAILED** | **SKIPPED** |

| 0 | 0 | 0 |
|:---:|:---:|:---:|
| **XFAILED** | **XPASSED** | **ERRORS** |

---

**PASSED**  tests/test_aggregation.py::TestAggregator::test_aggregate_all_policy  2ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/aggregation.py | 56 lines (ranges: 52, 55-56, 59, 61-63, 73-74, 77-80, 83, 85-92, 101-102, 105-109, 111, 117, 119-120, 122-123, 126, 133, 138, 140-145, 147, 149-151, 162, 209, 211-215, 227) |
|---|---|

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**PASSED**  tests/test_aggregation.py::TestAggregator::test_aggregate_dir_not_exists  4ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/aggregation.py | 7 lines (ranges: 52, 55-57, 101-103) |
|---|---|

**PASSED**    tests/test_aggregation.py::TestAggregator::test_aggregate_latest_policy    3ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/aggregation.py | 64 lines (ranges: 52, 55-56, 59, 64, 69, 73-74, 77-80, 83, 85-92, 101-102, 105-109, 111, 117, 119-120, 122-123, 126, 133, 138, 140-145, 147, 149-151, 162, 174, 176-180, 182-183, 186, 209, 211-215, 227) |

**PASSED**    tests/test_aggregation.py::TestAggregator::test_aggregate_no_dir_configured    0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/aggregation.py | 3 lines (ranges: 44, 52-53) |

**PASSED**    tests/test_aggregation.py::TestAggregator::test_aggregate_no_reports    1ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/aggregation.py | 9 lines (ranges: 52, 55-57, 101-102, 105-106, 162) |

**PASSED**    tests/test_aggregation.py::TestAggregator::test_aggregate_with_coverage_and_llm_annotations    2ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/aggregation.py | 68 lines (ranges: 52, 55-56, 59, 64, 69, 73-74, 77-80, 83, 85-92, 101-102, 105-109, 111, 117, 119-120, 122-123, 126-129, 133-136, 138, 140-145, 147, 149-151, 162, 174, 176-180, 186, 209, 211-215, 227) |
| src/pytest_llm_report/models.py | 32 lines (ranges: 40-43, 104-107, 109-111, 113, 115, 161-165, 167, 169, 171, 173, 176-180, 182, 184, 186, 188, 190) |

**PASSED**   tests/test_aggregation.py::TestAggregator::test_aggregate_with_source_coverage   1ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/aggregation.py | 53 lines (ranges: 52, 55-56, 59, 64, 69, 73-74, 77-80, 83, 85-92, 101-102, 105-109, 111, 117, 119-120, 140-147, 149-151, 162, 174, 176-178, 186, 209, 211-212, 227) |

**PASSED**   tests/test_aggregation.py::TestAggregator::test_recalculate_summary   1ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/aggregation.py | 17 lines (ranges: 209, 211-225, 227) |

**PASSED**   tests/test_aggregation.py::TestAggregator::test_skips_invalid_json   3ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/aggregation.py | 58 lines (ranges: 52, 55-56, 59, 64, 69, 73-74, 77-80, 83, 85-92, 101-102, 105-109, 111-112, 117, 119-120, 140-145, 147, 149-151, 154, 156-158, 160, 162, 174, 176-178, 186, 209, 211-212, 227) |

**PASSED**   tests/test_annotator.py::TestAnnotateTests::test_cached_tests_are_skipped   1ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/cache.py | 1 lines (ranges: 153) |
| src/pytest_llm_report/llm/annotator.py | 68 lines (ranges: 45, 48-49, 56-57, 59, 61, 64, 66-67, 71-72, 74-81, 87-92, 97-99, 101, 103, 105, 117-125, 128-133, 135, 137, 165-167, 169-170, 172-173, 175, 177-178, 181, 186-190, 192, 198, 203) |

**PASSED**   `tests/test_annotator.py::TestAnnotateTests::test_concurrent_annotation`    3ms   🛡 2

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/cache.py` | 1 lines (ranges: 153) |
| `src/pytest_llm_report/llm/annotator.py` | 65 lines (ranges: 45, 48-49, 56-57, 59, 61, 64, 66-67, 71-72, 74-78, 87-92, 97-99, 101, 103, 105-114, 128-133, 135, 137, 231-233, 235, 237-238, 240, 246-248, 250-255, 257, 263, 268) |

**PASSED**   `tests/test_annotator.py::TestAnnotateTests::test_concurrent_annotation_handles_failures`    1ms   🛡 2

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/cache.py` | 1 lines (ranges: 153) |
| `src/pytest_llm_report/llm/annotator.py` | 69 lines (ranges: 45, 48-49, 56-57, 59, 61, 64, 66-67, 71-72, 74-78, 87-92, 97-99, 101, 103, 105-114, 128-133, 135-137, 231-233, 235, 237-238, 240, 246-248, 250-255, 257, 263-266, 268) |

**PASSED**   `tests/test_annotator.py::TestAnnotateTests::test_progress_reporting`    1ms   🛡 2

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/cache.py` | 1 lines (ranges: 153) |
| `src/pytest_llm_report/llm/annotator.py` | 69 lines (ranges: 45, 48-49, 56-57, 59, 61, 64, 66-68, 71-72, 74-78, 87-92, 97-99, 101, 103, 105, 117-125, 128-133, 135, 137, 165-167, 169-170, 172-173, 175, 177-178, 181, 186-190, 192-195, 198, 203) |

**PASSED** tests/test_annotator.py::TestAnnotateTests::test_sequential_annotation    12.00s  🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/cache.py | 1 lines (ranges: 153) |
| src/pytest_llm_report/llm/annotator.py | 68 lines (ranges: 45, 48-49, 56-57, 59, 61, 64, 66-67, 71-72, 74-78, 87-92, 97-99, 101, 103, 105, 117-125, 128-133, 135, 137, 165-167, 169-170, 172-173, 175, 177-178, 181-184, 186-190, 192, 198, 203) |

**PASSED** tests/test_annotator.py::TestAnnotateTests::test_skips_if_disabled    0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/annotator.py | 2 lines (ranges: 45-46) |

**PASSED** tests/test_annotator.py::TestAnnotateTests::test_skips_if_provider_unavailable    0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/annotator.py | 7 lines (ranges: 45, 48-52, 54) |

**PASSED** tests/test_cache.py::TestHashSource::test_consistent_hash    0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/cache.py | 1 lines (ranges: 153) |

**PASSED** tests/test_cache.py::TestHashSource::test_different_source_different_hash    0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/cache.py | 1 lines (ranges: 153) |

**PASSED**    `tests/test_cache.py::TestHashSource::test_hash_length`    0ms   🛡 1

**COVERAGE**

| `src/pytest_llm_report/cache.py` | 1 lines (ranges: 153) |
|---|---|

**PASSED**    `tests/test_cache.py::TestLlmCache::test_clear`    1ms   🛡 1

**COVERAGE**

| `src/pytest_llm_report/cache.py` | 26 lines (ranges: 39-41, 53, 55-56, 86, 90, 92, 94, 97-101, 103, 118-119, 121, 129, 132-136, 141) |
|---|---|

**PASSED**    `tests/test_cache.py::TestLlmCache::test_does_not_cache_errors`    0ms   🛡 1

**COVERAGE**

| `src/pytest_llm_report/cache.py` | 11 lines (ranges: 39-41, 53, 55-56, 86, 88, 118-119, 121) |
|---|---|

**PASSED**    `tests/test_cache.py::TestLlmCache::test_get_missing`    0ms   🛡 1

**COVERAGE**

| `src/pytest_llm_report/cache.py` | 9 lines (ranges: 39-41, 53, 55-56, 118-119, 121) |
|---|---|

**PASSED**    `tests/test_cache.py::TestLlmCache::test_set_and_get`    1ms   🛡 1

**COVERAGE**

| `src/pytest_llm_report/cache.py` | 28 lines (ranges: 39-41, 53, 55, 58, 60-62, 68-73, 86, 90, 92, 94, 97-101, 103, 118-119, 121) |
|---|---|

**PASSED**    `tests/test_collector.py::TestCollectorCollectionErrors::test_collection_error_structure`    0ms

| PASSED | tests/test_collector.py::TestCollectorCollectionErrors::test_get_collection_errors_initially_empty | 0ms |
| PASSED | tests/test_collector.py::TestCollectorMarkerExtraction::test_llm_context_override_default_none | 0ms |
| PASSED | tests/test_collector.py::TestCollectorMarkerExtraction::test_llm_opt_out_default_false | 0ms |
| PASSED | tests/test_collector.py::TestCollectorOutputCapture::test_capture_disabled_by_default | 0ms |
| PASSED | tests/test_collector.py::TestCollectorOutputCapture::test_capture_max_chars_default | 0ms |
| PASSED | tests/test_collector.py::TestCollectorXfailHandling::test_xfail_failed_is_xfailed | 0ms |
| PASSED | tests/test_collector.py::TestCollectorXfailHandling::test_xfail_passed_is_xpassed | 0ms |
| PASSED | tests/test_collector.py::TestTestCollector::test_create_collector | 0ms |
| PASSED | tests/test_collector.py::TestTestCollector::test_get_results_sorted | 0ms |
| PASSED | tests/test_collector.py::TestTestCollector::test_handle_collection_finish | 0ms |
| PASSED | tests/test_coverage_map.py::TestCoverageMapper::test_create_mapper | 0ms |
| PASSED | tests/test_coverage_map.py::TestCoverageMapper::test_get_warnings | 0ms |

**PASSED**  tests/test_coverage_map.py::TestCoverageMapper::test_map_coverage_no_coverage_file    1ms    🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/errors.py | 9 lines (ranges: 70-72, 74, 76, 139-142) |

**PASSED**  tests/test_coverage_map.py::TestCoverageMapperContextExtraction::test_extract_nodeid_all_phases    0ms

**PASSED**  tests/test_coverage_map.py::TestCoverageMapperContextExtraction::test_extract_nodeid_empty_context    0ms

**PASSED**  tests/test_coverage_map.py::TestCoverageMapperContextExtraction::test_extract_nodeid_filters_setup    0ms

**PASSED**  tests/test_coverage_map.py::TestCoverageMapperContextExtraction::test_extract_nodeid_with_run_phase    0ms

**PASSED**  tests/test_fs.py::TestIsPythonFile::test_non_python_file    0ms    🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/fs.py | 1 lines (ranges: 79) |

**PASSED**  tests/test_fs.py::TestIsPythonFile::test_python_file    0ms    🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/fs.py | 1 lines (ranges: 79) |

**PASSED**  tests/test_fs.py::TestMakeRelative::test_makes_path_relative    1ms    🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/fs.py | 11 lines (ranges: 30, 33, 36, 39, 42, 55, 58-60, 63-64) |

**PASSED** `tests/test_fs.py::TestMakeRelative::test_returns_normalized_with_no_base` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/fs.py | 7 lines (ranges: 30, 33, 36, 39, 42, 55-56) |

**PASSED** `tests/test_fs.py::TestNormalizePath::test_already_normalized` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/fs.py | 5 lines (ranges: 30, 33, 36, 39, 42) |

**PASSED** `tests/test_fs.py::TestNormalizePath::test_forward_slashes` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/fs.py | 5 lines (ranges: 30, 33, 36, 39, 42) |

**PASSED** `tests/test_fs.py::TestNormalizePath::test_strips_trailing_slash` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/fs.py | 5 lines (ranges: 30, 33, 36, 39, 42) |

**PASSED** `tests/test_fs.py::TestShouldSkipPath::test_custom_exclude_patterns` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/fs.py | 15 lines (ranges: 30, 33, 36, 39, 42, 100, 103, 111-112, 116-117, 119-121, 123) |

**PASSED** `tests/test_fs.py::TestShouldSkipPath::test_normal_path` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/fs.py | 11 lines (ranges: 30, 33, 36, 39, 42, 100, 103, 111-112, 116, 123) |

**PASSED**    tests/test_fs.py::TestShouldSkipPath::test_skips_git    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/fs.py | 10 lines (ranges: 30, 33, 36, 39, 42, 100, 103, 111-113) |
| --- | --- |

**PASSED**    tests/test_fs.py::TestShouldSkipPath::test_skips_pycache    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/fs.py | 10 lines (ranges: 30, 33, 36, 39, 42, 100, 103, 111-113) |
| --- | --- |

**PASSED**    tests/test_fs.py::TestShouldSkipPath::test_skips_venv    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/fs.py | 10 lines (ranges: 30, 33, 36, 39, 42, 100, 103, 111-113) |
| --- | --- |

**PASSED**    tests/test_hashing.py::TestComputeConfigHash::test_different_config    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/hashing.py | 8 lines (ranges: 96-101, 103-104) |
| --- | --- |

**PASSED**    tests/test_hashing.py::TestComputeConfigHash::test_returns_short_hash    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/hashing.py | 8 lines (ranges: 96-101, 103-104) |
| --- | --- |

**PASSED**    tests/test_hashing.py::TestComputeFileSha256::test_consistent_with_bytes    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/hashing.py | 6 lines (ranges: 32, 44-48) |
| --- | --- |

**PASSED**  tests/test_hashing.py::TestComputeFileSha256::test_hashes_file    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/util/hashing.py | 5 lines (ranges: 44-48) |

**PASSED**  tests/test_hashing.py::TestComputeHmac::test_different_key    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/util/hashing.py | 1 lines (ranges: 61) |

**PASSED**  tests/test_hashing.py::TestComputeHmac::test_with_key    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/util/hashing.py | 1 lines (ranges: 61) |

**PASSED**  tests/test_hashing.py::TestComputeSha256::test_consistent    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/util/hashing.py | 1 lines (ranges: 32) |

**PASSED**  tests/test_hashing.py::TestComputeSha256::test_length    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/util/hashing.py | 1 lines (ranges: 32) |

**PASSED**  tests/test_hashing.py::TestGetDependencySnapshot::test_includes_pytest    70ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/util/hashing.py | 8 lines (ranges: 113-114, 116-121) |

**PASSED** `tests/test_hashing.py::TestGetDependencySnapshot::test_returns_dict` 77ms 🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/util/hashing.py` | 8 lines (ranges: 113-114, 116-121) |

**PASSED** `tests/test_hashing.py::TestLoadHmacKey::test_loads_key` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/util/hashing.py` | 5 lines (ranges: 73, 76-77, 80-81) |

**PASSED** `tests/test_hashing.py::TestLoadHmacKey::test_missing_key_file` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/util/hashing.py` | 4 lines (ranges: 73, 76-78) |

**PASSED** `tests/test_hashing.py::TestLoadHmacKey::test_no_key_file` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/util/hashing.py` | 2 lines (ranges: 73-74) |

**PASSED** `tests/test_integration_gate.py::TestConfigDefaults::test_aggregation_defaults` 0ms

**PASSED** `tests/test_integration_gate.py::TestConfigDefaults::test_capture_failed_output_default_false` 0ms

**PASSED** `tests/test_integration_gate.py::TestConfigDefaults::test_context_mode_default_minimal` 0ms

**PASSED** `tests/test_integration_gate.py::TestConfigDefaults::test_llm_not_enabled_by_default` 0ms

**PASSED** tests/test_integration_gate.py::TestConfigDefaults::test_omit_tests_default_true  0ms

**PASSED** tests/test_integration_gate.py::TestConfigDefaults::test_provider_default_none  0ms

**PASSED** tests/test_integration_gate.py::TestConfigDefaults::test_secret_exclude_globs  0ms

**PASSED** tests/test_integration_gate.py::TestFullPipeline::test_deterministic_output  6ms  🛡 2

**COVERAGE**

| src/pytest_llm_report/models.py | 77 lines (ranges: 161-165, 167, 169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190, 351-367, 369-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
|---|---|
| src/pytest_llm_report/report_writer.py | 108 lines (ranges: 55, 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED** tests/test_integration_gate.py::TestFullPipeline::test_empty_test_suite  6ms  🛡 2

**COVERAGE**

| src/pytest_llm_report/models.py | 66 lines (ranges: 229-231, 233, 235, 351-367, 369-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484-486, 488, 490, 492, 494, 496) |
|---|---|
| src/pytest_llm_report/report_writer.py | 109 lines (ranges: 55, 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199-203, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED** tests/test_integration_gate.py::TestFullPipeline::test_html_report_generation  29ms  🛡 2

**COVERAGE**

| src/pytest_llm_report/render.py | 25 lines (ranges: 30-31, 40, 42-46, 50-51, 53, 65, 67, 79-85, 87, 99, 101-102, 107) |
|---|---|
| src/pytest_llm_report/report_writer.py | 104 lines (ranges: 55, 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219, 223-224, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 361, 363-364, 367, 370, 373, 376-380, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED** tests/test_integration_gate.py::TestFullPipeline::test_json_report_ generation  52ms  🛡 4

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/_git_info.py | 2 lines (ranges: 2-3) |
| src/pytest_llm_report/models.py | 77 lines (ranges: 161-165, 167, 169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190, 351-367, 369-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
| src/pytest_llm_report/render.py | 25 lines (ranges: 30-31, 40, 42-46, 50-51, 53, 65, 67, 79-85, 87, 99, 101-102, 107) |
| src/pytest_llm_report/report_writer.py | 124 lines (ranges: 55, 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223-224, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-307, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 361, 363-364, 367, 370, 373, 376-380, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED** tests/test_integration_gate.py::TestSchemaCompatibility::test_report _root_has_required_fields  0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 53 lines (ranges: 351-367, 369, 372, 374, 377, 380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |

**PASSED**    tests/test_integration_gate.py::TestSchemaCompatibility::test_run_meta_has_aggregation_fields    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/models.py | 28 lines (ranges: 351-367, 369, 372, 374, 377, 380, 382, 384, 386, 388, 390, 393) |
| --- | --- |

**PASSED**    tests/test_integration_gate.py::TestSchemaCompatibility::test_run_meta_has_status_fields    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/models.py | 28 lines (ranges: 351-367, 369, 372, 374, 377, 380, 382, 384, 386, 388, 390, 393) |
| --- | --- |

**PASSED**    tests/test_integration_gate.py::TestSchemaCompatibility::test_schema_version_defined    0ms

**PASSED**    tests/test_integration_gate.py::TestSchemaCompatibility::test_test_case_has_required_fields    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/models.py | 17 lines (ranges: 161-165, 167, 169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190) |
| --- | --- |

**PASSED**    tests/test_llm.py::TestGetProvider::test_gemini_returns_provider    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/llm/base.py | 9 lines (ranges: 36, 115, 117, 119, 122, 127, 132-133, 135) |
| --- | --- |

**PASSED**    tests/test_llm.py::TestGetProvider::test_litellm_returns_provider    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/llm/base.py | 8 lines (ranges: 36, 115, 117, 119, 122, 127-128, 130) |
| --- | --- |

**PASSED**  tests/test_llm.py::TestGetProvider::test_none_returns_noop    0ms  🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 5 lines (ranges: 36, 115, 117, 119-120) |
| src/pytest_llm_report/llm/noop.py | 1 lines (ranges: 32) |

**PASSED**  tests/test_llm.py::TestGetProvider::test_ollama_returns_provider    0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 7 lines (ranges: 36, 115, 117, 119, 122-123, 125) |

**PASSED**  tests/test_llm.py::TestGetProvider::test_unknown_raises    0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 7 lines (ranges: 115, 117, 119, 122, 127, 132, 137) |

**PASSED**  tests/test_llm.py::TestLlmProviderContract::test_noop_implements_interface    0ms  🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/noop.py | 1 lines (ranges: 32) |

**PASSED**  tests/test_llm.py::TestNoopProvider::test_annotate_returns_empty    0ms  🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/noop.py | 2 lines (ranges: 32, 50) |

**PASSED**  tests/test_llm.py::TestNoopProvider::test_get_model_name_empty     0ms  🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/noop.py | 2 lines (ranges: 32, 66) |

**PASSED**  tests/test_llm.py::TestNoopProvider::test_is_available     0ms  🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/noop.py | 2 lines (ranges: 32, 58) |

**PASSED**  tests/test_llm_annotator.py::test_annotate_tests_emits_summary     1ms  🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/cache.py | 20 lines (ranges: 39-41, 53, 55-56, 86, 90, 92, 94, 97-101, 103, 118-119, 121, 153) |
| src/pytest_llm_report/llm/annotator.py | 65 lines (ranges: 45, 48-49, 56-57, 59, 61, 64, 66-67, 71-72, 74-78, 87-92, 97-99, 101, 103, 105, 117-125, 128-133, 135, 137, 165-167, 169-170, 172-173, 175, 177-178, 181, 186-190, 192, 198, 203) |

**PASSED**  tests/test_llm_annotator.py::test_annotate_tests_reports_progress     0ms  🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/cache.py | 20 lines (ranges: 39-41, 53, 55-56, 86, 90, 92, 94, 97-101, 103, 118-119, 121, 153) |
| src/pytest_llm_report/llm/annotator.py | 69 lines (ranges: 45, 48-49, 56-57, 59, 61, 64, 66-68, 71-72, 74-78, 87-92, 97-99, 101, 103, 105, 117-125, 128-133, 135, 137, 165-167, 169-170, 172-173, 175, 177-178, 181, 186-190, 192-195, 198, 203) |

**PASSED** tests/test_llm_annotator.py::test_annotate_tests_respects_opt_out_and_limit    0ms    🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/cache.py | 20 lines (ranges: 39-41, 53, 55-56, 86, 90, 92, 94, 97-101, 103, 118-119, 121, 153) |
| src/pytest_llm_report/llm/annotator.py | 65 lines (ranges: 45, 48-49, 56-57, 59, 61-62, 66-67, 71-72, 74-78, 87-92, 97-99, 101, 103, 105, 117-125, 128-133, 135, 137, 165-167, 169-170, 172-173, 175, 177-178, 181, 186-190, 192, 198, 203) |

**PASSED** tests/test_llm_annotator.py::test_annotate_tests_respects_rate_limit    1ms    🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/cache.py | 20 lines (ranges: 39-41, 53, 55-56, 86, 90, 92, 94, 97-101, 103, 118-119, 121, 153) |
| src/pytest_llm_report/llm/annotator.py | 68 lines (ranges: 45, 48-49, 56-57, 59, 61, 64, 66-67, 71-72, 74-78, 87-92, 97-99, 101, 103, 105, 117-125, 128-133, 135, 137, 165-167, 169-172, 175, 177-178, 181-184, 186-190, 192, 198, 203) |

**PASSED** tests/test_llm_annotator.py::test_annotate_tests_skips_unavailable_provider    0ms    🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/annotator.py | 7 lines (ranges: 45, 48-52, 54) |

**PASSED**    `tests/test_llm_annotator.py::test_annotate_tests_uses_cache`    1ms   🛡 2

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/cache.py` | 30 lines (ranges: 39-41, 53, 55-56, 58, 60-62, 68-73, 86, 90, 92, 94, 97-101, 103, 118-119, 121, 153) |
| `src/pytest_llm_report/llm/annotator.py` | 68 lines (ranges: 45, 48-49, 56-57, 59, 61, 64, 66-67, 71-72, 74-81, 87-92, 97-99, 101, 103, 105, 117-125, 128-133, 135, 137, 165-167, 169-170, 172-173, 175, 177-178, 181, 186-190, 192, 198, 203) |

**PASSED**    `tests/test_llm_contract.py::TestAnnotationSchema::test_required_fields`    0ms

**PASSED**    `tests/test_llm_contract.py::TestAnnotationSchema::test_schema_from_dict`    0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/llm/schemas.py` | 5 lines (ranges: 77-81) |

**PASSED**    `tests/test_llm_contract.py::TestAnnotationSchema::test_schema_handles_empty`    0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/llm/schemas.py` | 5 lines (ranges: 77-81) |

**PASSED**    `tests/test_llm_contract.py::TestAnnotationSchema::test_schema_handles_partial`    0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/llm/schemas.py` | 5 lines (ranges: 77-81) |

**PASSED**    `tests/test_llm_contract.py::TestAnnotationSchema::test_schema_has_required_fields`    0ms

**PASSED**   tests/test_llm_contract.py::TestAnnotationSchema::test_schema_to_dict   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 90-92, 94-96, 98) |

**PASSED**   tests/test_llm_contract.py::TestNoopProvider::test_noop_from_factory   0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 5 lines (ranges: 36, 115, 117, 119-120) |
| src/pytest_llm_report/llm/noop.py | 1 lines (ranges: 32) |

**PASSED**   tests/test_llm_contract.py::TestNoopProvider::test_noop_is_llm_provider   0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/noop.py | 1 lines (ranges: 32) |

**PASSED**   tests/test_llm_contract.py::TestNoopProvider::test_noop_returns_empty_annotation   0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/noop.py | 2 lines (ranges: 32, 50) |

**PASSED**   tests/test_llm_contract.py::TestProviderContract::test_annotate_returns_annotation   0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/noop.py | 2 lines (ranges: 32, 50) |

**PASSED**    tests/test_llm_contract.py::TestProviderContract::test_provider_handles_empty_code    0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/noop.py | 2 lines (ranges: 32, 50) |

**PASSED**    tests/test_llm_contract.py::TestProviderContract::test_provider_handles_none_context    0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/noop.py | 2 lines (ranges: 32, 50) |

**PASSED**    tests/test_llm_contract.py::TestProviderContract::test_provider_has_annotate_method    0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 14 lines (ranges: 36, 115, 117, 119-120, 122-123, 125, 127-128, 130, 132-133, 135) |
| src/pytest_llm_report/llm/noop.py | 1 lines (ranges: 32) |

**PASSED**    tests/test_llm_providers.py::TestGeminiProvider::test_annotate_missing_dependency    0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |

**PASSED**    tests/test_llm_providers.py::TestGeminiProvider::test_annotate_missing_token    0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |

**PASSED** tests/test_llm_providers.py::TestGeminiProvider::test_annotate_retries_on_rate_limit    0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 38, 42-43, 50-53) |

**PASSED** tests/test_llm_providers.py::TestGeminiProvider::test_annotate_rotates_models_on_daily_limit    0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 38, 42-43, 50-53) |

**PASSED** tests/test_llm_providers.py::TestGeminiProvider::test_annotate_skips_on_daily_limit    0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 38, 42-43, 50-53) |

**PASSED** tests/test_llm_providers.py::TestGeminiProvider::test_annotate_success_with_mock_response    1ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 38, 42-43, 50-53) |

**PASSED**   tests/test_llm_providers.py::TestGeminiProvider::test_exhausted_model_recovers_after_24h   0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 38, 42-43, 50-53) |

**PASSED**   tests/test_llm_providers.py::TestGeminiProvider::test_model_list_refreshes_after_interval   0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 38, 42-43, 50-53) |

**PASSED**   tests/test_llm_providers.py::TestLiteLLMProvider::test_annotate_handles_completion_error   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |

**PASSED**   tests/test_llm_providers.py::TestLiteLLMProvider::test_annotate_invalid_key_assertions   0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 38, 42-43, 50-53) |

**PASSED**   tests/test_llm_providers.py::TestLiteLLMProvider::test_annotate_missing_dependency   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |

**PASSED** | tests/test_llm_providers.py::TestLiteLLMProvider::test_annotate_success_with_mock_response | 0ms | 🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 38, 42-43, 50-53) |

---

**PASSED** | tests/test_llm_providers.py::TestLiteLLMProvider::test_is_available_with_module | 0ms | 🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |

---

**PASSED** | tests/test_llm_providers.py::TestOllamaProvider::test_annotate_handles_call_error | 0ms | 🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |

---

**PASSED** | tests/test_llm_providers.py::TestOllamaProvider::test_annotate_missing_httpx | 0ms | 🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |

---

**PASSED** | tests/test_llm_providers.py::TestOllamaProvider::test_parse_response_invalid_json | 0ms | 🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 38, 42-43, 50-52, 55) |

**PASSED**    tests/test_llm_providers.py::TestOllamaProvider::test_parse_response_invalid_key_assertions    0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 38, 42-43, 50-53) |

**PASSED**    tests/test_llm_providers.py::TestOllamaProvider::test_parse_response_json_in_code_fence    0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 6 lines (ranges: 38, 42-44, 46-47) |

**PASSED**    tests/test_llm_providers.py::TestOllamaProvider::test_parse_response_json_in_plain_fence    0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 6 lines (ranges: 38, 42-44, 46-47) |

**PASSED**    tests/test_llm_providers.py::TestOllamaProvider::test_parse_response_success    0ms   🛡 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/llm/base.py | 1 lines (ranges: 36) |
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 38, 42-43, 50-53) |

**PASSED**    tests/test_models.py::TestArtifactEntry::test_to_dict    0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 4 lines (ranges: 254-257) |

**PASSED**  tests/test_models.py::TestCollectionError::test_to_dict    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/models.py | 3 lines (ranges: 207-209) |
| --- | --- |

**PASSED**  tests/test_models.py::TestCoverageEntry::test_to_dict    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/models.py | 4 lines (ranges: 40-43) |
| --- | --- |

**PASSED**  tests/test_models.py::TestLlmAnnotation::test_empty_annotation    0ms

**PASSED**  tests/test_models.py::TestLlmAnnotation::test_to_dict_minimal    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/models.py | 8 lines (ranges: 104-107, 109, 111, 113, 115) |
| --- | --- |

**PASSED**  tests/test_models.py::TestLlmAnnotation::test_to_dict_with_all_fields    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/models.py | 10 lines (ranges: 104-107, 109-111, 113-115) |
| --- | --- |

**PASSED**  tests/test_models.py::TestReportRoot::test_default_report    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/models.py | 53 lines (ranges: 351-367, 369, 372, 374, 377, 380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
| --- | --- |

**PASSED** `tests/test_models.py::TestReportRoot::test_report_with_collection_errors` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/models.py` | 57 lines (ranges: 207-209, 351-367, 369, 372, 374, 377, 380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482-484, 486, 488, 490, 492, 494, 496) |

**PASSED** `tests/test_models.py::TestReportRoot::test_report_with_warnings` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/models.py` | 59 lines (ranges: 229-231, 233, 235, 351-367, 369, 372, 374, 377, 380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484-486, 488, 490, 492, 494, 496) |

**PASSED** `tests/test_models.py::TestReportRoot::test_tests_sorted_by_nodeid` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/models.py` | 70 lines (ranges: 161-165, 167, 169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190, 351-367, 369, 372, 374, 377, 380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |

**PASSED** `tests/test_models.py::TestReportWarning::test_to_dict_with_detail` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/models.py` | 6 lines (ranges: 229-231, 233-235) |

**PASSED**   tests/test_models.py::TestReportWarning::test_to_dict_without_detail   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 5 lines (ranges: 229-231, 233, 235) |

**PASSED**   tests/test_models.py::TestRunMeta::test_aggregation_fields_present   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 38 lines (ranges: 277-279, 281-283, 351-367, 369, 372, 374, 377, 380, 382, 384, 386-393) |

**PASSED**   tests/test_models.py::TestRunMeta::test_non_aggregated_excludes_source_reports   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 28 lines (ranges: 351-367, 369, 372, 374, 377, 380, 382, 384, 386, 388, 390, 393) |

**PASSED**   tests/test_models.py::TestRunMeta::test_run_meta_to_dict_full   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 48 lines (ranges: 277-279, 281-283, 351-367, 369-393) |

**PASSED**   tests/test_models.py::TestRunMeta::test_run_status_fields   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 28 lines (ranges: 351-367, 369, 372, 374, 377, 380, 382, 384, 386, 388, 390, 393) |

**PASSED**   tests/test_models.py::TestSchemaVersion::test_schema_version_format   0ms

**PASSED**    tests/test_models.py::TestSchemaVersion::test_schema_version_in_report_root    0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 53 lines (ranges: 351-367, 369, 372, 374, 377, 380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |

**PASSED**    tests/test_models.py::TestSourceCoverageEntry::test_to_dict    0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 8 lines (ranges: 71-78) |

**PASSED**    tests/test_models.py::TestSourceReport::test_to_dict_minimal    0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 5 lines (ranges: 277-279, 281, 283) |

**PASSED**    tests/test_models.py::TestSourceReport::test_to_dict_with_run_id    0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 6 lines (ranges: 277-279, 281-283) |

**PASSED**    tests/test_models.py::TestSummary::test_to_dict    0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 11 lines (ranges: 423-431, 433, 435) |

**PASSED**    tests/test_models.py::TestTestCaseResult::test_minimal_result    0ms    🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 17 lines (ranges: 161-165, 167, 169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190) |

**PASSED**    tests/test_models.py::TestTestCaseResult::test_result_with_coverage    0ms    🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 22 lines (ranges: 40-43, 161-165, 167, 169, 171, 173, 176-178, 180, 182, 184, 186, 188, 190) |

**PASSED**    tests/test_models.py::TestTestCaseResult::test_result_with_llm_opt_out    0ms    🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 18 lines (ranges: 161-165, 167, 169, 171, 173, 176, 178, 180-182, 184, 186, 188, 190) |

**PASSED**    tests/test_models.py::TestTestCaseResult::test_result_with_rerun    0ms    🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 19 lines (ranges: 161-165, 167, 169, 171, 173-176, 178, 180, 182, 184, 186, 188, 190) |

**PASSED**    tests/test_models.py::TestTestCaseResult::test_result_without_rerun_excludes_fields    0ms    🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 17 lines (ranges: 161-165, 167, 169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190) |

**PASSED** tests/test_options.py::TestConfigAggregationFields::test_aggregate_dir_defaults_to_none 1ms

**PASSED** tests/test_options.py::TestConfigAggregationFields::test_aggregate_group_id_defaults_to_none 0ms

**PASSED** tests/test_options.py::TestConfigAggregationFields::test_aggregate_include_history_defaults_to_false 0ms

**PASSED** tests/test_options.py::TestConfigAggregationFields::test_aggregate_run_id_defaults_to_none 0ms

**PASSED** tests/test_options.py::TestConfigDefaults::test_aggregate_policy_defaults_to_latest 0ms

**PASSED** tests/test_options.py::TestConfigDefaults::test_capture_failed_output_defaults_to_false 0ms

**PASSED** tests/test_options.py::TestConfigDefaults::test_context_mode_defaults_to_minimal 0ms

**PASSED** tests/test_options.py::TestConfigDefaults::test_default_exclude_globs_include_secrets 0ms

**PASSED** tests/test_options.py::TestConfigDefaults::test_llm_include_param_values_defaults_to_false 0ms

**PASSED** tests/test_options.py::TestConfigDefaults::test_llm_requests_per_minute_defaults_to_five 0ms

**PASSED** tests/test_options.py::TestConfigDefaults::test_omit_tests_from_coverage_defaults_to_true 0ms

| PASSED | tests/test_options.py::TestConfigDefaults::test_provider_defaults_to_none | 0ms |
| PASSED | tests/test_options.py::TestConfigIsLlmEnabled::test_gemini_provider_is_enabled | 0ms |
| PASSED | tests/test_options.py::TestConfigIsLlmEnabled::test_litellm_provider_is_enabled | 0ms |
| PASSED | tests/test_options.py::TestConfigIsLlmEnabled::test_none_provider_not_enabled | 0ms |
| PASSED | tests/test_options.py::TestConfigIsLlmEnabled::test_ollama_provider_is_enabled | 0ms |
| PASSED | tests/test_options.py::TestConfigValidation::test_context_bytes_too_small_produces_error | 0ms |
| PASSED | tests/test_options.py::TestConfigValidation::test_invalid_aggregate_policy_produces_error | 0ms |
| PASSED | tests/test_options.py::TestConfigValidation::test_invalid_context_mode_produces_error | 0ms |
| PASSED | tests/test_options.py::TestConfigValidation::test_invalid_include_phase_produces_error | 0ms |
| PASSED | tests/test_options.py::TestConfigValidation::test_invalid_provider_produces_error | 0ms |
| PASSED | tests/test_options.py::TestConfigValidation::test_max_tests_negative_produces_error | 0ms |

| PASSED | tests/test_options.py::TestConfigValidation::test_multiple_errors_reported | 0ms |
|---|---|---|
| PASSED | tests/test_options.py::TestConfigValidation::test_requests_per_minute_too_small_produces_error | 0ms |
| PASSED | tests/test_options.py::TestConfigValidation::test_timeout_too_small_produces_error | 0ms |
| PASSED | tests/test_options.py::TestConfigValidation::test_valid_config_has_no_errors | 0ms |
| PASSED | tests/test_options.py::TestGetDefaultConfig::test_returns_config_instance | 0ms |
| PASSED | tests/test_options.py::TestGetDefaultConfig::test_returns_defaults | 0ms |
| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_aggregation_settings | 0ms |
| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_all_output_paths | 0ms |
| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_capture_settings | 0ms |
| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_compliance_settings | 0ms |
| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_coverage_settings | 0ms |

| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_custom_exclude_globs | 0ms |
| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_include_globs | 0ms |
| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_invocation_settings | 0ms |
| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_llm_execution_settings | 0ms |
| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_llm_param_settings | 0ms |
| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_llm_settings | 0ms |
| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_repo_root_path | 0ms |
| PASSED | tests/test_options_extended.py::TestConfigAnnotations::test_valid_phase_values | 0ms |
| PASSED | tests/test_plugin_integration.py::TestPluginConfigLoading::test_config_defaults | 0ms |
| PASSED | tests/test_plugin_integration.py::TestPluginConfigLoading::test_markers_exist_in_config | 0ms |
| PASSED | tests/test_plugin_integration.py::TestPluginIntegration::test_llm_context_marker | 0ms |

**PASSED** tests/test_plugin_integration.py::TestPluginIntegration::test_llm_opt_out _marker   0ms

**PASSED** tests/test_plugin_integration.py::TestPluginIntegration::test_requirement _marker   0ms

**PASSED** tests/test_plugin_integration.py::TestReportGeneration::test_report _writer_integration   30ms  🛡 3

**COVERAGE**

| src/pytest_llm_report/models.py | 78 lines (ranges: 161-165, 167-169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190, 351-367, 369-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
|---|---|
| src/pytest_llm_report/render.py | 25 lines (ranges: 30-31, 40, 42-46, 50-51, 53, 65, 67, 79-85, 87, 99, 101-102, 107) |
| src/pytest_llm_report/report_writer.py | 122 lines (ranges: 55, 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223-224, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-305, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 361, 363-364, 367, 370, 373, 376-380, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED** tests/test_prompts.py::TestContextAssembler::test_balanced_mode_includes_ coverage   7ms

**PASSED** tests/test_prompts.py::TestContextAssembler::test_context_override_from_m arker   0ms

**PASSED** tests/test_prompts.py::TestContextAssembler::test_create_assembler   0ms

**PASSED** tests/test_prompts.py::TestContextAssembler::test_minimal_mode_returns_empty_context   0ms

**PASSED** tests/test_prompts.py::TestContextAssemblerExcludes::test_excludes_secret_files   0ms

**PASSED** tests/test_ranges.py::TestCompressRanges::test_consecutive_lines   0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/ranges.py | 12 lines (ranges: 29, 33, 35-37, 39-40, 42, 50, 52, 65, 67) |
| --- | --- |

**PASSED** tests/test_ranges.py::TestCompressRanges::test_duplicates   0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/ranges.py | 12 lines (ranges: 29, 33, 35-37, 39-40, 42, 50, 52, 65, 67) |
| --- | --- |

**PASSED** tests/test_ranges.py::TestCompressRanges::test_empty_list   0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/ranges.py | 2 lines (ranges: 29-30) |
| --- | --- |

**PASSED** tests/test_ranges.py::TestCompressRanges::test_mixed_ranges   0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/ranges.py | 16 lines (ranges: 29, 33, 35-37, 39-40, 42, 45-47, 50, 52, 65-67) |
| --- | --- |

**PASSED**  tests/test_ranges.py::TestCompressRanges::test_non_consecutive_lines  0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/ranges.py | 14 lines (ranges: 29, 33, 35-37, 39-40, 45-47, 50, 52, 65-66) |

**PASSED**  tests/test_ranges.py::TestCompressRanges::test_single_line  0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/ranges.py | 10 lines (ranges: 29, 33, 35-37, 39, 50, 52, 65-66) |

**PASSED**  tests/test_ranges.py::TestCompressRanges::test_two_consecutive  0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/ranges.py | 12 lines (ranges: 29, 33, 35-37, 39-40, 42, 50, 52, 65, 67) |

**PASSED**  tests/test_ranges.py::TestCompressRanges::test_unsorted_input  0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/ranges.py | 16 lines (ranges: 29, 33, 35-37, 39-40, 42, 45-47, 50, 52, 65-67) |

**PASSED**  tests/test_ranges.py::TestExpandRanges::test_empty_string  0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/ranges.py | 2 lines (ranges: 81-82) |

**PASSED**  tests/test_ranges.py::TestExpandRanges::test_mixed  0ms  🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/ranges.py | 11 lines (ranges: 81, 84-91, 93, 95) |

**PASSED**   tests/test_ranges.py::TestExpandRanges::test_range                        0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/ranges.py | 10 lines (ranges: 81, 84-91, 95) |

---

**PASSED**   tests/test_ranges.py::TestExpandRanges::test_roundtrip                    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/ranges.py | 27 lines (ranges: 29, 33, 35-37, 39-40, 42, 45-47, 50, 52, 65-67, 81, 84-91, 93, 95) |

---

**PASSED**   tests/test_ranges.py::TestExpandRanges::test_single_number                0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/util/ranges.py | 7 lines (ranges: 81, 84-87, 93, 95) |

---

**PASSED**   tests/test_render.py::TestFormatDuration::test_milliseconds               0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/render.py | 2 lines (ranges: 65, 67) |

---

**PASSED**   tests/test_render.py::TestFormatDuration::test_seconds                    0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/render.py | 2 lines (ranges: 65-66) |

---

**PASSED**   tests/test_render.py::TestOutcomeToCssClass::test_all_outcomes            0ms   🛡 1

**COVERAGE**

| src/pytest_llm_report/render.py | 8 lines (ranges: 79-85, 87) |

**PASSED**  tests/test_render.py::TestOutcomeToCssClass::test_unknown_outcome    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/render.py | 8 lines (ranges: 79-85, 87) |
| --- | --- |

**PASSED**  tests/test_render.py::TestRenderFallbackHtml::test_renders_basic_report    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/render.py | 52 lines (ranges: 65-67, 79-85, 87, 121-124, 126-127, 131-132, 141-143, 145-153, 158-160, 196, 229-236, 239-245, 248-249) |
| --- | --- |

**PASSED**  tests/test_render.py::TestRenderFallbackHtml::test_renders_coverage    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/render.py | 52 lines (ranges: 65, 67, 79-85, 87, 121-124, 126-129, 131-132, 141-142, 145-153, 158-160, 196, 229-236, 239-245, 248-249) |
| --- | --- |

**PASSED**  tests/test_render.py::TestRenderFallbackHtml::test_renders_llm_annotation    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/render.py | 54 lines (ranges: 65, 67, 79-85, 87, 121-124, 126-127, 131-134, 136-137, 141-142, 145-153, 158-160, 196, 229-236, 239-245, 248-249) |
| --- | --- |

**PASSED** tests/test_render.py::TestRenderFallbackHtml::test_renders_source_co
verage                                                                    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/render.py | 63 lines (ranges: 65, 67, 79-85, 87, 121-124, 126-127, 131-132, 141-142, 145-153, 158-164, 166-172, 177, 192, 196, 229-236, 239-245, 248-249) |
| --- | --- |

**PASSED** tests/test_render.py::TestRenderFallbackHtml::test_renders_xpass_sum
mary                                                                      0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/render.py | 50 lines (ranges: 65, 67, 79-85, 87, 121-124, 126-127, 131-132, 141-142, 145-153, 158-160, 196, 229-236, 239-245, 248-249) |
| --- | --- |

**PASSED** tests/test_report_writer.py::TestComputeSha256::test_different_conte
nt                                                                        0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/report_writer.py | 1 lines (ranges: 55) |
| --- | --- |

**PASSED** tests/test_report_writer.py::TestComputeSha256::test_empty_bytes    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/report_writer.py | 1 lines (ranges: 55) |
| --- | --- |

**PASSED** tests/test_report_writer.py::TestReportWriter::test_build_run_meta    5ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/report_writer.py | 59 lines (ranges: 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285) |
| --- | --- |

**PASSED**   tests/test_report_writer.py::TestReportWriter::test_build_summary_all_outcomes   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/report_writer.py | 19 lines (ranges: 156-158, 297, 299-300, 302-313, 315) |

**PASSED**   tests/test_report_writer.py::TestReportWriter::test_build_summary_counts   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/report_writer.py | 13 lines (ranges: 156-158, 297, 299-300, 302-307, 315) |

**PASSED**   tests/test_report_writer.py::TestReportWriter::test_create_writer   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/report_writer.py | 3 lines (ranges: 156-158) |

**PASSED**   tests/test_report_writer.py::TestReportWriter::test_write_report_assembles_tests   5ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/report_writer.py | 84 lines (ranges: 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-305, 315) |

**PASSED**  tests/test_report_writer.py::TestReportWriter::test_write_report_includes_coverage_percent  5ms  🛡 1

**COVERAGE**

src/pytest_llm_report/report_writer.py

84 lines (ranges: 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-196, 199-203, 208-215, 219, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299, 315)

**PASSED**  tests/test_report_writer.py::TestReportWriter::test_write_report_includes_source_coverage  5ms  🛡 1

**COVERAGE**

src/pytest_llm_report/report_writer.py

83 lines (ranges: 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199-203, 208-215, 219, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299, 315)

**PASSED**  tests/test_report_writer.py::TestReportWriter::test_write_report_merges_coverage  5ms  🛡 1

**COVERAGE**

src/pytest_llm_report/report_writer.py

85 lines (ranges: 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185-188, 191, 194-195, 199, 208-215, 219, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315)

**PASSED** tests/test_report_writer.py::TestReportWriterWithFiles::test_atomic_write_fallback   6ms   🛡 2

**COVERAGE**

| src/pytest_llm_report/models.py | 66 lines (ranges: 229-231, 233, 235, 351-367, 369-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484-486, 488, 490, 492, 494, 496) |
| --- | --- |
| src/pytest_llm_report/report_writer.py | 116 lines (ranges: 55, 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199-203, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-456, 480, 482, 484-486, 488, 491-492, 494-497, 500-501) |

**PASSED** tests/test_report_writer.py::TestReportWriterWithFiles::test_creates_directory_if_missing   6ms   🛡 2

**COVERAGE**

| src/pytest_llm_report/models.py | 83 lines (ranges: 161-165, 167, 169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190, 229-231, 233, 235, 351-367, 369-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484-486, 488, 490, 492, 494, 496) |
| --- | --- |
| src/pytest_llm_report/report_writer.py | 114 lines (ranges: 55, 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-462, 480, 482, 484-486, 488, 491) |

**PASSED**  tests/test_report_writer.py::TestReportWriterWithFiles::test_ensure_dir_failure   1ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/report_writer.py | 12 lines (ranges: 156-158, 455-458, 465-469) |

**PASSED**  tests/test_report_writer.py::TestReportWriterWithFiles::test_git_info_failure   1ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/report_writer.py | 9 lines (ranges: 67-73, 85-86) |

**PASSED**  tests/test_report_writer.py::TestReportWriterWithFiles::test_write_html_creates_file   29ms  🛡 2

**COVERAGE**

| src/pytest_llm_report/render.py | 25 lines (ranges: 30-31, 40, 42-46, 50-51, 53, 65, 67, 79-85, 87, 99, 101-102, 107) |
| src/pytest_llm_report/report_writer.py | 106 lines (ranges: 55, 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219, 223-224, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-305, 315, 361, 363-364, 367, 370, 373, 376-380, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED** tests/test_report_writer.py::TestReportWriterWithFiles::test_write_html_includes_xfail_summary 29ms 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/render.py | 25 lines (ranges: 30-31, 40, 42-46, 50-51, 53, 65, 67, 79-85, 87, 99, 101-102, 107) |
| src/pytest_llm_report/report_writer.py | 109 lines (ranges: 55, 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219, 223-224, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302, 304, 306, 308-311, 315, 361, 363-364, 367, 370, 373, 376-380, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED** tests/test_report_writer.py::TestReportWriterWithFiles::test_write_json_creates_file 6ms 2

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/models.py | 77 lines (ranges: 161-165, 167, 169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190, 351-367, 369-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
| src/pytest_llm_report/report_writer.py | 108 lines (ranges: 55, 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED** `tests/test_report_writer.py::TestReportWriterWithFiles::test_write_pdf_creates_file` 30ms 🛡 2

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/render.py` | 25 lines (ranges: 30-31, 40, 42-46, 50-51, 53, 65, 67, 79-85, 87, 99, 101-102, 107) |
| `src/pytest_llm_report/report_writer.py` | 116 lines (ranges: 55, 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219, 223, 227-228, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 386, 395, 397, 399-408, 419-420, 422-428, 433, 438, 440, 443-447, 455-456) |

**PASSED** `tests/test_report_writer.py::TestReportWriterWithFiles::test_write_pdf_missing_playwright_warns` 5ms 🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/report_writer.py` | 89 lines (ranges: 67-74, 76-81, 83-84, 98-99, 102, 105-108, 110, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219, 223, 227-228, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 386-390, 393) |

**PASSED** `tests/test_schemas.py::TestAnnotationSchema::test_from_dict_full` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/llm/schemas.py` | 5 lines (ranges: 77-81) |

**PASSED** `tests/test_schemas.py::TestAnnotationSchema::test_to_dict_full` 0ms 🛡 1

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/llm/schemas.py` | 8 lines (ranges: 90-92, 94-98) |

**PASSED** `tests/test_smoke_pytester.py::TestBasicReportGeneration::test_html_report_created`  85ms  🛡 3

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/errors.py | 9 lines (ranges: 70-72, 74, 76, 139-142) |
| src/pytest_llm_report/render.py | 25 lines (ranges: 30-31, 40, 42-46, 50-51, 53, 65, 67, 79-85, 87, 99, 101-102, 107) |
| src/pytest_llm_report/report_writer.py | 92 lines (ranges: 55, 67-73, 85-86, 98-100, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219, 223-224, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 361, 363-364, 367, 370, 373, 376-380, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED** `tests/test_smoke_pytester.py::TestBasicReportGeneration::test_html_summary_counts_all_statuses`  121ms  🛡 3

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/errors.py | 9 lines (ranges: 70-72, 74, 76, 139-142) |
| src/pytest_llm_report/render.py | 25 lines (ranges: 30-31, 40, 42-46, 50-51, 53, 65, 67, 79-85, 87, 99, 101-102, 107) |
| src/pytest_llm_report/report_writer.py | 102 lines (ranges: 55, 67-73, 85-86, 98-100, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219, 223-224, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-313, 315, 361, 363-364, 367, 370, 373, 376-380, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED**    tests/test_smoke_pytester.py::TestBasicReportGeneration::test_json_report_created    70ms   🛡 3

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/errors.py | 9 lines (ranges: 70-72, 74, 76, 139-142) |
| src/pytest_llm_report/models.py | 73 lines (ranges: 161-165, 167-169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190, 351-367, 369, 372, 374, 377-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
| src/pytest_llm_report/report_writer.py | 98 lines (ranges: 55, 67-73, 85-86, 98-100, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-305, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED**    tests/test_smoke_pytester.py::TestBasicReportGeneration::test_llm_annotations_in_report    60ms   🛡 7

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/cache.py | 20 lines (ranges: 39-41, 53, 55-56, 86, 90, 92, 94, 97-101, 103, 118-119, 121, 153) |
| src/pytest_llm_report/errors.py | 9 lines (ranges: 70-72, 74, 76, 139-142) |
| src/pytest_llm_report/llm/annotator.py | 69 lines (ranges: 45, 48-49, 56-57, 59, 61, 64, 66-68, 71-72, 74-78, 87-92, 97-99, 101, 103, 105, 117-125, 128-133, 135, 137, 165-167, 169-170, 172-173, 175, 177-178, 181, 186-190, 192-195, 198, 203) |
| src/pytest_llm_report/llm/base.py | 10 lines (ranges: 36, 72, 91, 115, 117, 119, 122, 127-128, 130) |
| src/pytest_llm_report/llm/schemas.py | 7 lines (ranges: 38, 42-43, 50-53) |
| src/pytest_llm_report/models.py | 82 lines (ranges: 104-107, 109-111, 113, 115, 161-165, 167, 169, 171, 173, 176, 178-180, 182, 184, 186, 188, 190, 351-367, 369, 372, 374, 377-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
| src/pytest_llm_report/report_writer.py | 96 lines (ranges: 55, 67-73, 85-86, 98-100, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED**    tests/test_smoke_pytester.py::TestBasicReportGeneration::test_llm_error_is_reported    83ms   🛡 6

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/cache.py | 12 lines (ranges: 39-41, 53, 55-56, 86, 88, 118-119, 121, 153) |
| src/pytest_llm_report/errors.py | 9 lines (ranges: 70-72, 74, 76, 139-142) |
| src/pytest_llm_report/llm/annotator.py | 73 lines (ranges: 45, 48-49, 56-57, 59, 61, 64, 66-68, 71-72, 74-78, 87-92, 97-99, 101, 103, 105, 117-125, 128-133, 135-137, 165-167, 169-170, 172-173, 175, 177-178, 181, 186-190, 192-195, 198-201, 203) |
| src/pytest_llm_report/llm/base.py | 10 lines (ranges: 36, 72, 91, 115, 117, 119, 122, 127-128, 130) |
| src/pytest_llm_report/render.py | 25 lines (ranges: 30-31, 40, 42-46, 50-51, 53, 65, 67, 79-85, 87, 99, 101-102, 107) |
| src/pytest_llm_report/report_writer.py | 92 lines (ranges: 55, 67-73, 85-86, 98-100, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219, 223-224, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 361, 363-364, 367, 370, 373, 376-380, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED**   tests/test_smoke_pytester.py::TestMarkers::test_llm_opt_out_marker   57ms 🛡 3

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/errors.py | 9 lines (ranges: 70-72, 74, 76, 139-142) |
| src/pytest_llm_report/models.py | 73 lines (ranges: 161-165, 167, 169, 171, 173, 176, 178, 180-182, 184, 186, 188, 190, 351-367, 369, 372, 374, 377-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
| src/pytest_llm_report/report_writer.py | 96 lines (ranges: 55, 67-73, 85-86, 98-100, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED**   tests/test_smoke_pytester.py::TestMarkers::test_requirement_marker   60ms   🛡 3

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/errors.py | 9 lines (ranges: 70-72, 74, 76, 139-142) |
| src/pytest_llm_report/models.py | 73 lines (ranges: 161-165, 167, 169, 171, 173, 176, 178, 180, 182, 184, 186, 188-190, 351-367, 369, 372, 374, 377-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
| src/pytest_llm_report/report_writer.py | 96 lines (ranges: 55, 67-73, 85-86, 98-100, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED**    `tests/test_smoke_pytester.py::TestOutcomes::test_multiple_xfail_outcomes`    64ms   🛡 3

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/errors.py` | 9 lines (ranges: 70-72, 74, 76, 139-142) |
| `src/pytest_llm_report/models.py` | 73 lines (ranges: 161-165, 167-169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190, 351-367, 369, 372, 374, 377-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
| `src/pytest_llm_report/report_writer.py` | 99 lines (ranges: 55, 67-73, 85-86, 98-100, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302, 304, 306, 308-309, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED**    `tests/test_smoke_pytester.py::TestOutcomes::test_multiple_xfail_outcomes`

**PASSED** `tests/test_smoke_pytester.py::TestOutcomes::test_skip_outcome` 80ms 🛡 3

**COVERAGE**

| | |
|---|---|
| `src/pytest_llm_report/errors.py` | 9 lines (ranges: 70-72, 74, 76, 139-142) |
| `src/pytest_llm_report/models.py` | 73 lines (ranges: 161-165, 167-169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190, 351-367, 369, 372, 374, 377-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
| `src/pytest_llm_report/report_writer.py` | 98 lines (ranges: 55, 67-73, 85-86, 98-100, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302, 304, 306-307, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED**  tests/test_smoke_pytester.py::TestOutcomes::test_xfail_outcome     60ms  🛡 3

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/errors.py | 9 lines (ranges: 70-72, 74, 76, 139-142) |
| src/pytest_llm_report/models.py | 73 lines (ranges: 161-165, 167-169, 171, 173, 176, 178, 180, 182, 184, 186, 188, 190, 351-367, 369, 372, 374, 377-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
| src/pytest_llm_report/report_writer.py | 99 lines (ranges: 55, 67-73, 85-86, 98-100, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302, 304, 306, 308-309, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED** tests/test_smoke_pytester.py::TestParametrization::test_parametrize d_tests    61ms   🛡 3

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/errors.py | 9 lines (ranges: 70-72, 74, 76, 139-142) |
| src/pytest_llm_report/models.py | 73 lines (ranges: 161-165, 167, 169-171, 173, 176, 178, 180, 182, 184, 186, 188, 190, 351-367, 369, 372, 374, 377-380, 382, 384, 386, 388, 390, 393, 423-431, 433, 435, 474, 476-480, 482, 484, 486, 488, 490, 492, 494, 496) |
| src/pytest_llm_report/report_writer.py | 96 lines (ranges: 55, 67-73, 85-86, 98-100, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219-220, 223, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 325, 328-330, 333-334, 337-339, 342, 345-349, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED** tests/test_smoke_pytester.py::TestPluginRegistration::test_help_contains _examples    50ms

**PASSED** tests/test_smoke_pytester.py::TestPluginRegistration::test_markers_regis tered    45ms

**PASSED** tests/test_smoke_pytester.py::TestPluginRegistration::test_plugin_regist ered    52ms

**PASSED**   tests/test_smoke_pytester.py::TestSpecialCharacters::test_special_chars_in_nodeid   82ms   🛡 3

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/errors.py | 9 lines (ranges: 70-72, 74, 76, 139-142) |
| src/pytest_llm_report/render.py | 25 lines (ranges: 30-31, 40, 42-46, 50-51, 53, 65, 67, 79-85, 87, 99, 101-102, 107) |
| src/pytest_llm_report/report_writer.py | 92 lines (ranges: 55, 67-73, 85-86, 98-100, 127-128, 130, 156-158, 185, 191, 194-195, 199, 208-215, 219, 223-224, 227, 230, 250, 252-255, 258-260, 262, 264-271, 273-274, 276-285, 297, 299-300, 302-303, 315, 361, 363-364, 367, 370, 373, 376-380, 455-456, 480, 482, 484-486, 488, 491) |

**PASSED**   tests/test_time.py::TestFormatDuration::test_boundary_one_minute   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/time.py | 6 lines (ranges: 39, 41, 43, 46-48) |

**PASSED**   tests/test_time.py::TestFormatDuration::test_microseconds_format   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/time.py | 2 lines (ranges: 39-40) |

**PASSED**   tests/test_time.py::TestFormatDuration::test_milliseconds_format   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/time.py | 3 lines (ranges: 39, 41-42) |

**PASSED**  tests/test_time.py::TestFormatDuration::test_minutes_format    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/util/time.py | 6 lines (ranges: 39, 41, 43, 46-48) |

**PASSED**  tests/test_time.py::TestFormatDuration::test_multiple_minutes    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/util/time.py | 6 lines (ranges: 39, 41, 43, 46-48) |

**PASSED**  tests/test_time.py::TestFormatDuration::test_one_second    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/util/time.py | 4 lines (ranges: 39, 41, 43-44) |

**PASSED**  tests/test_time.py::TestFormatDuration::test_seconds_format    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/util/time.py | 4 lines (ranges: 39, 41, 43-44) |

**PASSED**  tests/test_time.py::TestFormatDuration::test_small_milliseconds    0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/util/time.py | 3 lines (ranges: 39, 41-42) |

**PASSED**  tests/test_time.py::TestFormatDuration::test_very_small_microseconds  0ms  🛡 1

**COVERAGE**

| src/pytest_llm_report/util/time.py | 2 lines (ranges: 39-40) |

**PASSED**   tests/test_time.py::TestIsoFormat::test_formats_datetime_with_utc   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/time.py | 1 lines (ranges: 27) |

**PASSED**   tests/test_time.py::TestIsoFormat::test_formats_naive_datetime   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/time.py | 1 lines (ranges: 27) |

**PASSED**   tests/test_time.py::TestIsoFormat::test_formats_with_microseconds   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/time.py | 1 lines (ranges: 27) |

**PASSED**   tests/test_time.py::TestUtcNow::test_has_utc_timezone   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/time.py | 1 lines (ranges: 15) |

**PASSED**   tests/test_time.py::TestUtcNow::test_is_current_time   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/time.py | 1 lines (ranges: 15) |

**PASSED**   tests/test_time.py::TestUtcNow::test_returns_datetime   0ms   🛡 1

**COVERAGE**

| | |
|---|---|
| src/pytest_llm_report/util/time.py | 1 lines (ranges: 15) |

# Source Coverage

| FILE | STMTS | MISS | COVER | % | COVERED LINES | MISSED LINES |
|---|---|---|---|---|---|---|

| File | Statements | Missing | Covered | Coverage | | |
|---|---|---|---|---|---|---|
| src/pytest_llm_report/__about__.py | 1 | 1 | 0 | 0.0% | - | 4 |
| src/pytest_llm_report/__init__.py | 2 | 2 | 0 | 0.0% | - | 4, 6 |
| src/pytest_llm_report/_git_info.py | 2 | 0 | 2 | 100.0% | 2-3 | - |
| src/pytest_llm_report/aggregation.py | 90 | 3 | 87 | 96.67% | 13, 15-19, 21, 35, 38, 44, 46, 52-53, 55-57, 59, 61-64, 69, 73-74, 77-80, 83, 85, 95, 101-103, 105-109, 111-112, 117, 119-120, 122-123, 126-127, 133-136, 138, 140, 154, 156, 160, 162, 164, 174, 176-180, 182-183, 186, 188, 197, 209, 211-225, 227 | 66, 184, 195 |
| src/pytest_llm_report/cache.py | 47 | 3 | 44 | 93.62% | 13, 15-19, 21, 27, 33, 39-41, 43, 53, 55-56, 58, 60-62, 68-69, 78, 86, 88, 90, 92, 94, 97, 103, 107, 118-119, 121, 123, 129, 132-136, 141, 144, 153 | 64-65, 130 |
| src/pytest_llm_report/errors.py | 35 | 1 | 34 | 97.14% | 8-9, 12, 25-28, 31-36, 39-42, 45-46, 49-51, 54-55, 64-66, 68, 70, 74, 76, 80, 129, 139 | 75 |
| src/pytest_llm_report/llm/__init__.py | 3 | 0 | 3 | 100.0% | 4-5, 7 | - |

| File | Statements | Missing | Excluded | Coverage | Missing lines | Excluded lines |
|------|-----------|---------|----------|----------|---------------|----------------|
| src/pytest_llm_report/llm/annotator.py | 108 | 3 | 105 | 97.22% | 4, 6-10, 12-15, 21-22, 25-28, 31, 45-46, 48-50, 54, 56-57, 59, 61-62, 64, 66-68, 71-72, 74-81, 87, 97-99, 101, 103, 105-106, 117, 128-130, 135-137, 140, 165-167, 169-170, 175, 177-178, 181-184, 186-190, 192-193, 198-201, 203, 206, 231-233, 235, 237-238, 240, 246-248, 250-255, 257, 263-266, 268 | 82, 241, 258 |
| src/pytest_llm_report/llm/base.py | 33 | 1 | 32 | 96.97% | 13, 15-17, 24, 30, 36, 66, 72, 74, 82, 91, 94-95, 98-100, 103, 115, 117, 119-120, 122-123, 125, 127-128, 130, 132-133, 135, 137 | 80 |
| src/pytest_llm_report/llm/noop.py | 13 | 0 | 13 | 100.0% | 8, 10, 12-13, 20, 26, 32, 34, 50, 52, 58, 60, 66 | - |
| src/pytest_llm_report/llm/schemas.py | 36 | 1 | 35 | 97.22% | 8, 10-12, 16, 22, 38, 42-44, 46-47, 50-53, 55, 58-59, 62-65, 67-68, 77, 84, 90, 94-98, 102, 130 | 39 |
| src/pytest_llm_report/models.py | 222 | 11 | 211 | 95.05% | 17-18, 21, 24-25, 34-36, 38, 40, 47-48, 61-67, 69, 71, 82-83, 95-100, 102, 104, 109-111, 113-115, 118-119, 141-157, 159, 161, 167-171, 173-182, 184, 186, 188-190, 193-194, 202-203, 205, 207, 213-214, 223-225, 227, 229, 233-235, | 112, 172, 183, 185, 187, 434, |

| File | Statements | Missing | Covered | Coverage | Missing Lines | Excluded Lines |
|---|---|---|---|---|---|---|
| | | | | | 238-239, 248-250, 252, 254, 261-262, 271-273, 275, 277, 281-283, 286-287, 318-347, 349, 351, 369-393, 396-397, 411-419, 421, 423, 433, 435, 438-439, 456-466, 468, 474, 476, 482-486, 488, 490, 492, 494, 496 | 487, 489, 491, 493, 495 |
| src/pytest_llm_report/render.py | 50 | 0 | 50 | 100.0% | 13, 15-16, 18, 24, 30-31, 34, 40, 42, 50-51, 53, 56, 65-67, 70, 79, 87, 90, 99, 101-102, 107, 110, 121-124, 126-129, 131-134, 141-143, 145, 158-163, 177, 196 | - |
| src/pytest_llm_report/report_writer.py | 167 | 10 | 157 | 94.01% | 13, 15-25, 27-29, 46, 55, 58, 67-68, 76, 83-84, 89, 98-100, 102, 105-108, 110, 116, 127-128, 130, 142, 150, 156-158, 160, 185-188, 191, 194-196, 199-200, 208, 219-220, 223-224, 227-228, 230, 232, 250, 252-255, 258-260, 262, 264, 288, 297, 299-300, 302-313, 315, 317, 325, 328-330, 333-334, 337-339, 342, 345, 353, 361, 363-364, 367, 370, 373, 376, 384, 386-387, 393, 395, 397, 399-408, 419-420, 422-424, 432-433, 438, 440, 443, 446-447, 449, 455-459, 465-466, 473, 480, 482, | 113, 135-137, 409-410, 417, 434-436 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | 484-486, 488, 491-492, 494, 500-501 | |
| src/pytest_llm_report/util/fs.py | 34 | 3 | 31 | 91.18% | 11, 13-14, 17, 30, 33, 36, 39, 42, 45, 55-56, 58-60, 63-64, 70, 79, 82, 100, 103, 111-113, 116-117, 119-121, 123 | 40, 65, 67 |
| src/pytest_llm_report/util/hashing.py | 36 | 0 | 36 | 100.0% | 12, 14-17, 23, 32, 35, 44-48, 51, 61, 64, 73-74, 76-78, 80-81, 86, 96, 103-104, 107, 113-114, 116-121 | - |
| src/pytest_llm_report/util/ranges.py | 33 | 0 | 33 | 100.0% | 12, 15, 29-30, 33, 35-37, 39-40, 42, 45-47, 50, 52, 55, 65-67, 70, 81-82, 84-91, 93, 95 | - |
| src/pytest_llm_report/util/time.py | 16 | 0 | 16 | 100.0% | 4, 6, 9, 15, 18, 27, 30, 39-44, 46-48 | - |