

BI and Analytics Use Cases



Use Case Validation



Practitioner 360 Validation of Requirements (Functional & Non-Functional)

Steps:-

1. **Traceability Check:** Ensure all planned features (real-time data, AI recommendations, secure access) are implemented.
2. **Performance Testing:** Test speed and performance under normal and high user loads (target: <20 seconds response time).
3. **Usability Testing:** Conduct User Acceptance Testing (UAT) with Employees to ensure ease of use.
4. **Reliability Testing:** Verify system stability and 90% uptime over extended use.

Deliverables:-

- Requirements validation report.
- Performance test results.
- UAT feedback summary.



Practitioner 360 Validation of Data Protection

Steps:-

- 1.**Privacy Assessment:** Document all personal data processed and identify risks.
- 2.**Data Security Check :**Verify minimal data usage and proper role-based access controls.
- 3.**Compliance Validation:** Confirm the system complies with privacy laws and uses encryption.
- 4.**Security Testing:** Perform penetration tests to find vulnerabilities and test anonymization processes.

Deliverables:-

- Privacy Impact Assessment report.
- Security test results.
- Compliance checklist.



Practitioner 360 Validation of Return on Investment (ROI) and Final Validation Report

Steps:-

1. Define Metrics:

- Reduction in time taken for employees to access information.
- Increase in productivity (measured through task completion rates).
- Improvement in user satisfaction (survey results).

2. **Pilot Testing:** Evaluate the system during the pilot phase to collect early feedback.

3. **Cost-Benefit Analysis:** Compare implementation costs (development, infrastructure, training) against tangible and intangible benefits.

4. Track KPIs:

- Number of queries successfully resolved.
- System uptime and availability.
- Adoption rate among employees and practitioners.

Deliverables:-

- ROI assessment report.
- Pilot feedback summary.
- KPI report.
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Final Validation Report:-

1. **Summarize results for: System performance, data protection, and ROI outcomes.**
2. **Share the report with stakeholders for review and approval.**
3. **Apply feedback to make final adjustments, ensuring all objectives are met.**



AI Agent Validation of Requirements (Functional & Non-Functional)

Steps:-

1. **Traceability Check:** Ensure all planned features (real-time data, AI recommendations, secure access) are implemented.
2. **Performance Testing:** Test speed and performance under normal and high user loads (target: <30 seconds response time).
3. **Usability Testing:** Conduct User Acceptance Testing (UAT) with Employees to ensure ease of use.
4. **Reliability Testing:** Verify system stability and 90% uptime over extended use.

Deliverables:-

- Requirements validation report.
- Performance test results.
- UAT feedback summary.



AI Agent :Validation of Data Protection

Steps:-

- 1.**Privacy Assessment:** Document all personal data processed and identify risks.
- 2.**Data Security Check** :Verify minimal data usage and proper role-based access controls.
- 3.**Compliance Validation:** Confirm the system complies with privacy laws and uses encryption.
- 4.**Security Testing:** Perform penetration tests to find vulnerabilities and test anonymization processes.

Deliverables:-

- Privacy Impact Assessment report.
- Security test results.
- Compliance checklist.



AI Agent Validation of Return on Investment (ROI) and Final Validation Report

Steps:-

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Final Validation Report:-

1. **Summarize results for: System performance, data protection, and ROI outcomes.**
2. **Share the report with stakeholders for review and approval.**
3. **Apply feedback to make final adjustments, ensuring all objectives are met.**



Assessment Department Project Validation of Requirements (Functional & Non-Functional)

Steps:-

1. **Traceability Check:** Ensure all planned features (real-time data, AI recommendations, secure access) are implemented.
2. **Performance Testing:** Test speed and performance under normal and high user loads (target: <20 seconds response time).
3. **Usability Testing:** Conduct User Acceptance Testing (UAT) with Employees to ensure ease of use.
4. **Reliability Testing:** Verify system stability and 95% uptime over extended use.

Deliverables:-

- Requirements validation report.
- Performance test results.
- UAT feedback summary.



Assessment Department Project Validation of Data Protection

Steps:-

- 1.**Privacy Assessment:** Document all personal data processed and identify risks.
- 2.**Data Security Check :**Verify minimal data usage and proper role-based access controls.
- 3.**Compliance Validation:** Confirm the system complies with privacy laws and uses encryption.
- 4.**Security Testing:** Perform penetration tests to find vulnerabilities and test anonymization processes.

Deliverables:-

- Privacy Impact Assessment report.
- Security test results.
- Compliance checklist.



Assessment Department Project Validation of Return on Investment (ROI) and Final Validation Report

Steps:-

1. Define Metrics:

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- ROI assessment report.
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Final Validation Report:-

1. **Summarize results for: System performance, data protection, and ROI outcomes.**
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THANK YOU.

