

SLIDE DECK

INFORMATION RISK IMPACT

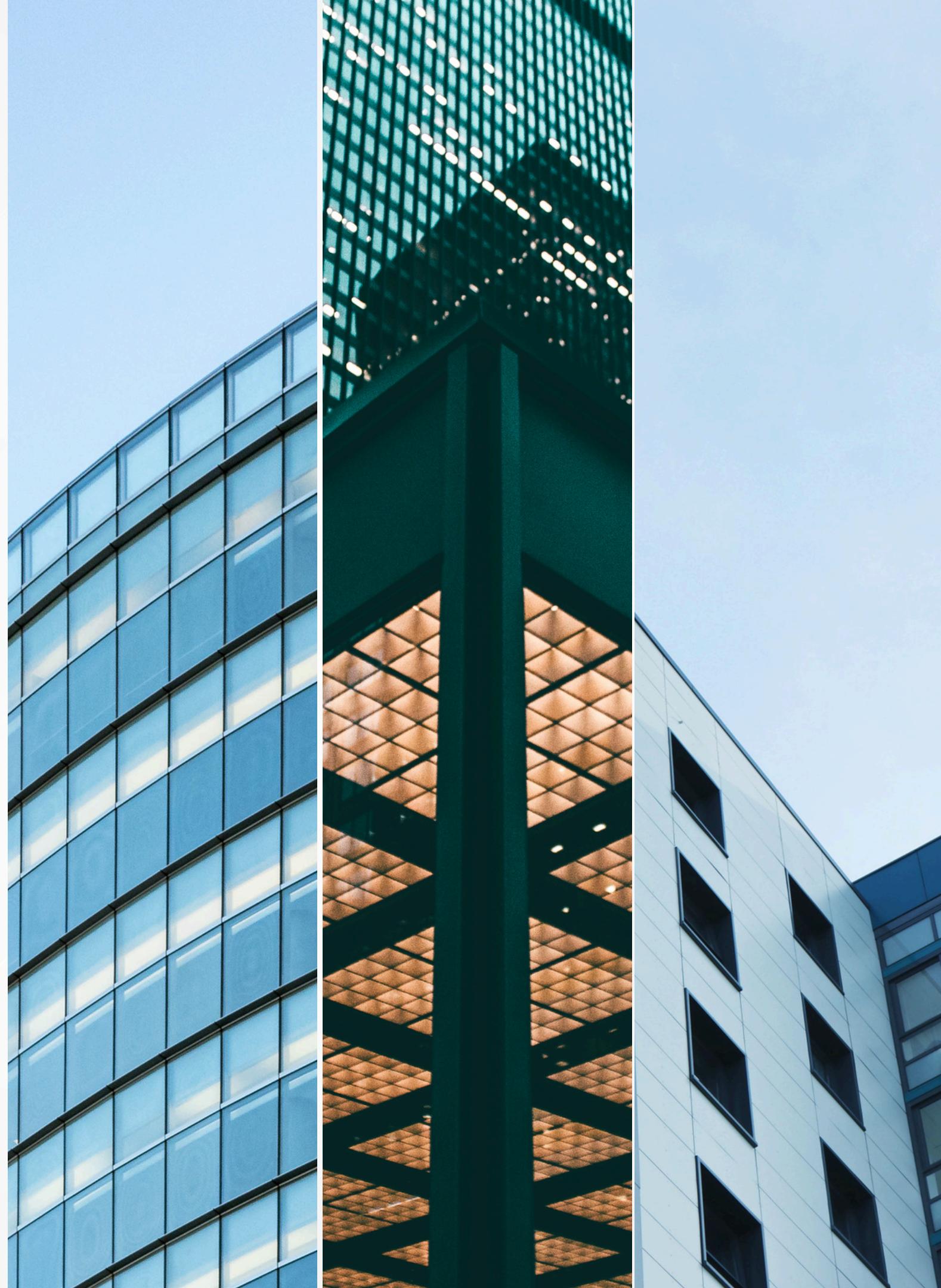
ASSESSMENT FOR BOLDI AG

Made by:Aparna Mishra and stefan

IDENTIFIED ISSUES AT BOLDI AG

Content:

- Paper Files: Existence of paper-based files.
 - Concern: Potential for physical loss or unauthorized access.
 - CIA Perspective: Impact on confidentiality and availability.
- Inconsistent Cloud Systems: Format inconsistency and usability issues.
 - Concern: Risk of data integrity and availability issues.
 - CIA Perspective: Impact on integrity and availability.
- Lack of Access Controls: No controls over file access.
 - Concern: Potential for unauthorized access and data breaches.
 - CIA Perspective: Impact on confidentiality.



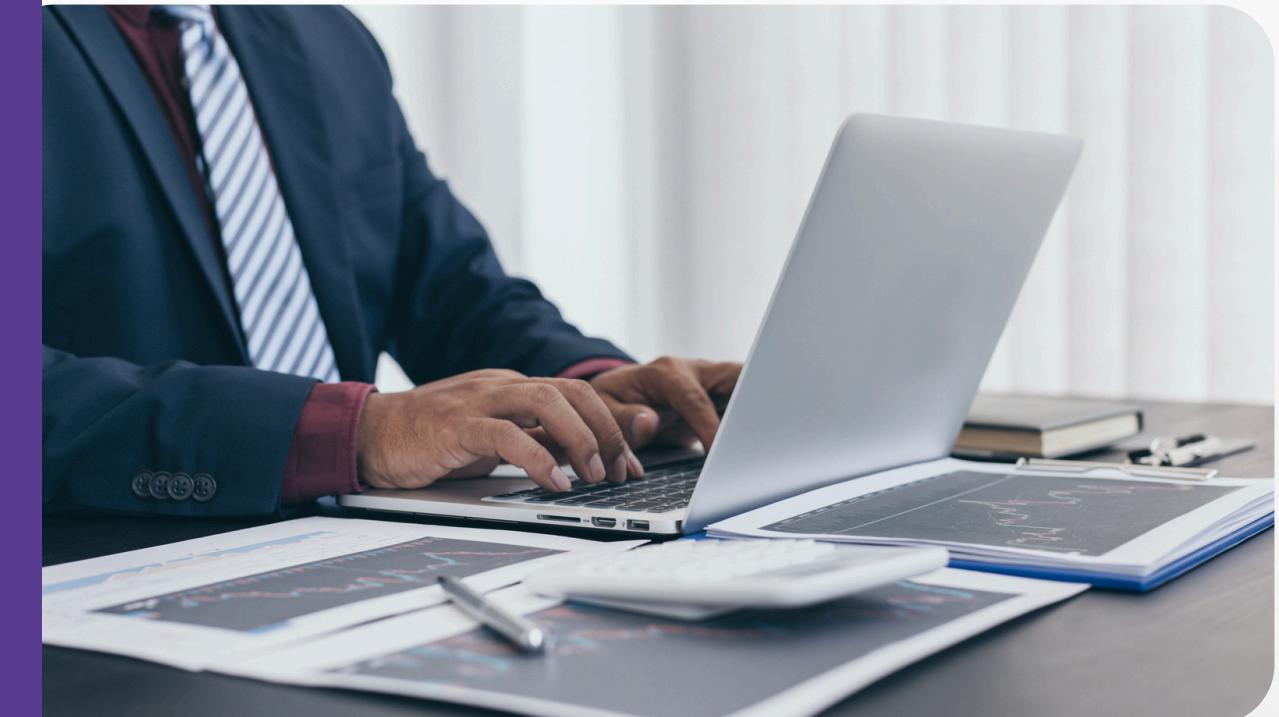
CHOOSING THE RIGHT RISK ASSESSMENT METHOD

- Quantitative Risk Assessment:
 - Involves assigning numerical values to risks based on data and calculations.
 - Applicability: Requires extensive data on potential loss and probabilities.
 - Relies on: Historical data, financial metrics, and statistical analysis.
- Qualitative Risk Assessment:
 - Focuses on descriptive and subjective analysis of risks.
 - Applicability: Useful when quantitative data is unavailable or impractical.
 - Relies on: Expert judgment, risk matrices, and scenario analysis.



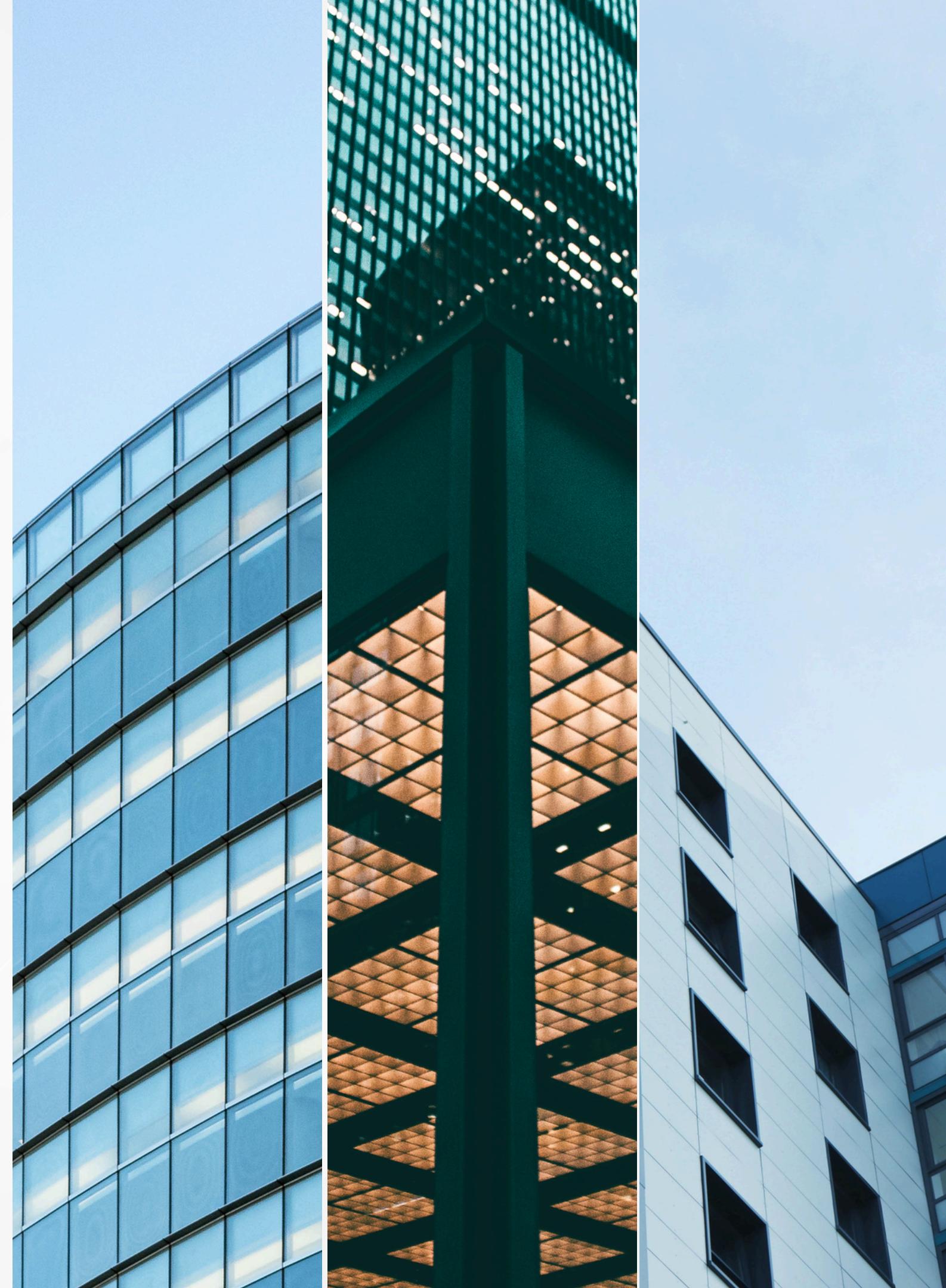
INFORMATION SECURITY CONCERNS ANALYSIS

- Confidentiality: Paper files and inconsistent cloud systems may compromise confidentiality if access controls are inadequate.
- Integrity: Inconsistent cloud systems pose risks to data integrity.
- Availability: Both paper files and inconsistent cloud systems affect availability if data cannot be easily accessed or is at risk of loss.



DIFFERENCE BETWEEN QUANTITATIVE AND QUALITATIVE

- Quantitative Assessment:
- Measures risks in monetary terms or numerical values.
- Provides a clear financial impact analysis.
- Qualitative Assessment:
- Assesses risks based on descriptive qualities.
- Provides a subjective evaluation of risk likelihood and impact.



CHOOSING THE METHOD FOR INFORMATION SECURITY RISK ASSESSMENT

- Quantitative Assessment:
 - Applicability: Suitable if sufficient data is available on potential losses and probabilities.
 - Advantages: Provides a more precise financial analysis of risks.
 - Disadvantages: Requires extensive data and may be complex to implement.
- Qualitative Assessment:
- Applicability: Useful when data is limited or when evaluating non-monetary risks.
- Advantages: Easier to implement, relies on expert judgment.
- Disadvantages: Subjective nature may lead to varying interpretations.





THANK YOU
