



# The impact of Risk Identification on IT project delivery in Qatar Public Sector

**Project risk management** is the process of identifying, analyzing and responding to any risk that arises over the life cycle of a project to help the project remain on track and meet its goal

## Definition



- ❖ Better understanding of IT project critical risk factors
- ❖ Enabling Project Managers to better manage project risks.
- ❖ Decision makers better appreciate the value of risk management

## Benefits



- ❖ The research is aligned with Qatar vision 2030
- ❖ High rate of IT projects failure
- ❖ Lack of research papers conducted in IT projects within Qatar public sector
- ❖ The researcher being a PM in Qatar public sector

## Motivations



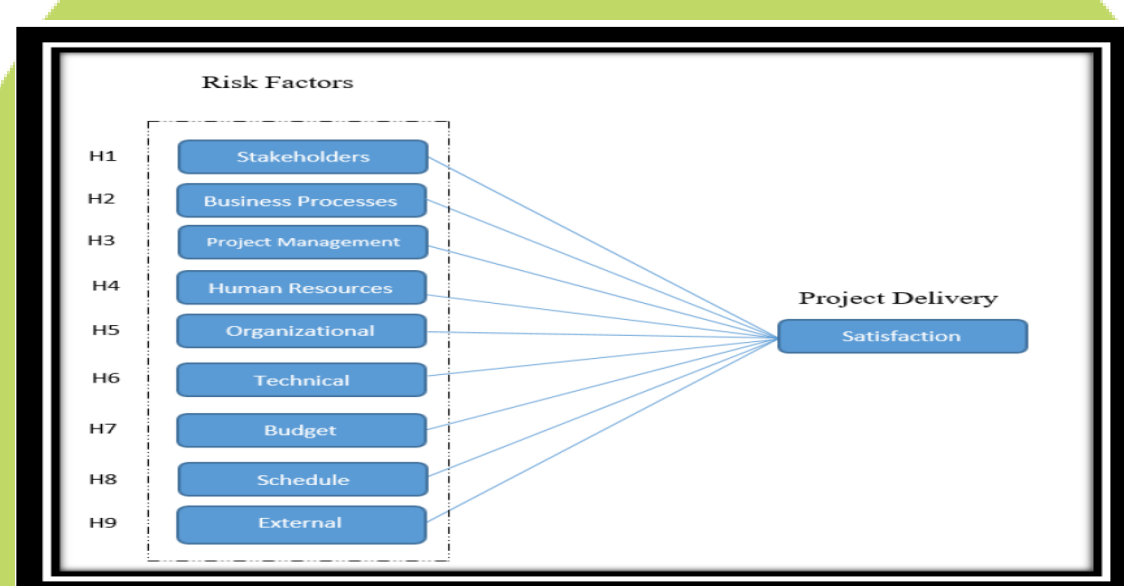
- ❖ What are the critical risk factors?
- ❖ What is the impact of each factor on project delivery?
- ❖ What is the stakeholder's satisfaction with the identified factors?

## Research Questions



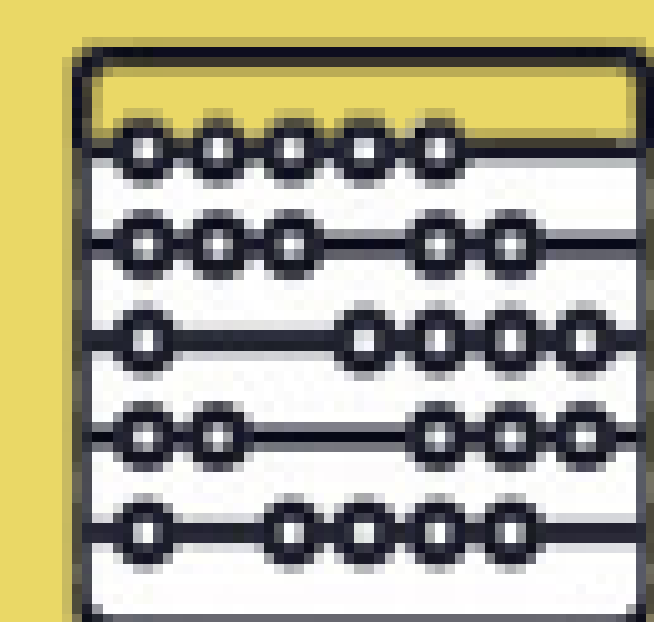
# The impact of Risk Identification on IT project delivery in Qatar Public Sector

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## Method & Model

- ❖ Online surveys (160 participants including PMs & other project stakeholders)
- ❖ Research model (regression analysis)
- ❖ 9 hypotheses
- ❖ Instrument was reliable (Cronbach's alpha)



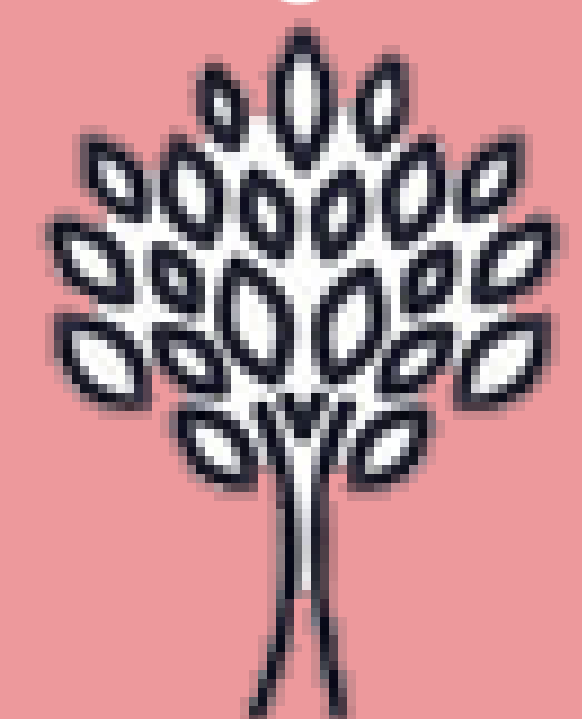
## Results

- ❖ Five Risk factors consistent with literature (Stakeholders, Business process, Organizational, Technical, and Schedule)
- ❖ Four Risk Factors inconsistent with literature (Project Management, Human resources, Budget, and External)



## Conclusion

- ❖ Out of 9 risk factors only 5 were identified critical .
- ❖ The identified risk factors positively impact IT project delivery
- ❖ Big data size might change the result and add more critical risk factors in Qatar public sectors context



## Implications

- ❖ To the researcher's knowledge – first of its kind to be conducted in IT project delivery in Qatar public sector
- ❖ Qatar IT Private risk factors might reveal different perspectives
- ❖ Need more support (instrument and model)