Week 2: Research Lifecycle

Nate Bachmeier

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Northcentral University

# Research Lifecycle

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|  | Risks During Cloud Migration | Mgmt Experiences with Cloud | Personal decision factors of IT execs |
| Author | Kilgore, N (2020) | Effiong, A (2020) | Smith, M (2016) |
| Research Problem | * What process risk exists during a cloud migration? * *How do enterprise businesses manage the risks they encounter during the migration of cloud computing* (page 4) |  |  |
| Purpose | * Qualitative study of how are businesses handling these challenges * Many businesses are failing their migration strategies |  |  |
| Methodology | * Decision Theory * Interview questions * Purely qualitative (no hard numbers available) |  |  |
| Design of Study | 1. Select participants from    1. Mid-sized enterprises    2. Migrated last 5-years    3. Materially involved 2. Limit to 7 orgs randomly selected 3. Structured Interview 4. Theme extraction |  |  |
| Instruments | * Structured interview from credible sources * Three sets of questions   + Demographic (closed)   + Eligibility (open)   + Research Topic (semi-structured) * *The interviewer is the true instrument* (page 73) |  |  |
| Analysis | * Anonymize data * Aggregation and theme extraction |  |  |
| Findings | * Businesses did not manage migration risk * Focus on less complicated risks * Use of external vendors for risk management * Completion time was vital to plan * No formal risk documentation |  |  |