

Research Design



Categorization of Research Design (Design Typology Criteria)

1. The degree of formulation of problem

- a. Exploratory or Formulated
- b. Descriptive, Diagnostic, Analytical

2. The topical scope

- a. Historical study
- b. Survey, Delphi Study
- c. Case study (History, Material), Accounts, Episodes, Story of experience
- d. Statistical study

3. The search environment, I.e., the field or lab setting

- a. survey or lab experiment

6. The manipulation of the variables under study

- a. Experimental (Hypothesis Testing)
- b. Ex post facto

7. The nature of the relationship among variables

- a. Causal/ Prediction
- b. Descriptive/ Relational
 - (1) Association
 - (2) Correlation

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4. The time dimension

- a. Cross Sectional (One time)
- b. Longitudinal, Trend, Developmental (Follow up or Cohort Studies in UK & Panel Studies in USA)

5. The mode of data collection

- a. Survey
- b. Observational

- 8. a. Conceptual (Fundamental, Basic, Pure)
- b. Empirical (Applied, Action)

- 9. a. Conclusion oriented
- b. Decision oriented

- 10. a. Qualitative
- b. Quantitative

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