

# *Sharing Experiences, Tips & Uncertainty In Statistical Consulting Projects*

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## *Sharing ....*

Things gain meaning by being used in a shared experience or joint action.

*John Dewey*

You have a deeper connection with people who you have shared experiences with and shared pain

*Negash Ali*

# Uncertain

something that is uncertain or that causes one to feel uncertain or unexpected

## *Tips*

- 1 a piece of advice or expert or authoritative information
- 2 a piece of advance or confidential information given by one thought to have access to special or inside sources

# Ten Simple Rules for facing uncertainties

*No one can avoid the unexpected*

**01**

**Be kind to yourself**

**02**

**Reflect on past successes**

**03**

**Develop new skills**

**04**

**Limit exposure to news**

**05**

**Avoid dwelling on things you can't control**

.....continued

**06**

**Take your own advice**

**07**

**Engage in self-care**

**08**

**Seek support from those you trust**

**09**

**Control what you can**

**10**

**Ask for help**

# How do consultant get experiences?

**Step 1: Obtain your at least bachelor's degree in an applicable subject is essential to becoming a consultant ...**

01

**Step 2: Gain experience through internships and data analysis competitions ... Later real project**

02

**Step 3: Earn an Advanced Degree. ...**

03

**Step 4: Add Professional Certifications to your Resume. ...**

04

05

**Step 5: Specialize in a Field.**



# What skills are needed to be a **CONSULTANT**?

*(In addition to the focused statistical skills)*

01

**Strong mathematics abilities.**

02

**Wide-ranging computer skills.**

03

**Ability to communicate findings to non-statisticians.**

04

**Analytical and problem-solving skills**

05

**Industry knowledge.**

06

**Teamwork and collaborative skills.**





# *5 Real Examples*



## **1. PUBLIC OPINION SURVEY**

- Project privatization expressway**
- At least 3 measureables objectives**
- Sampling Methodology eg block sampling**



## ***2. SOCIO IMPACT ASSESSMENT (SIA)***

- ***Qualified consultant must be MSIA atau Town Planner  
<https://msiamy.org/>***
- ***SIA, EIA, TIA dan keperluan KM***
- ***Social Impact Management Plan (SIMP)***



### **3. SOCIO ECONOMIC ( component EIA )** **(sub specialist)**

- **socio economic study (SES)**
- socio economic analyses (SEA)**
- socio economic impact (SEI)**



## ***4. KAJIAN IMPACT PROGRAM***

- Keberkesanan***
- KPI***
- Hasil (outcome)***
- Impak (sosial, ekonomi, enviromen dan politik)***



## 5. KAJIAN PASARAN ( *Market Research* )

*Market research is the process of determining the viability of a new service or product through research conducted directly with potential customers*

### *3 Types of Market Research:*

- 1 Exploratory Research.  
Companies use exploratory research methods to uncover facts and opinions regarding a particular subject. ...
- 2 Descriptive Research
- 3 Explanatory Research



THANK YOU

