

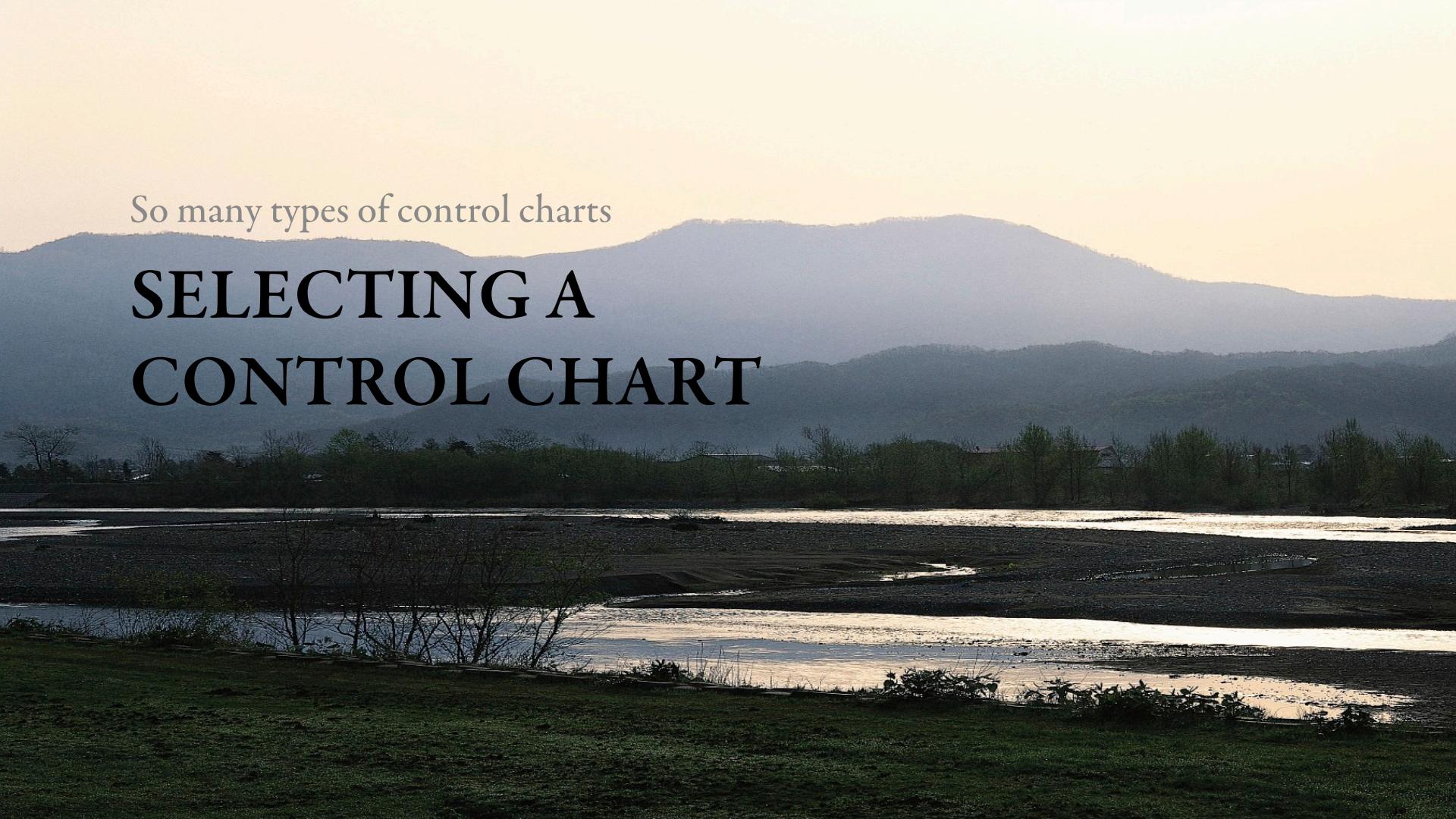


# ASQ CRE Prep course

Lesson II. A. 7. c.

SPC and Process Capability

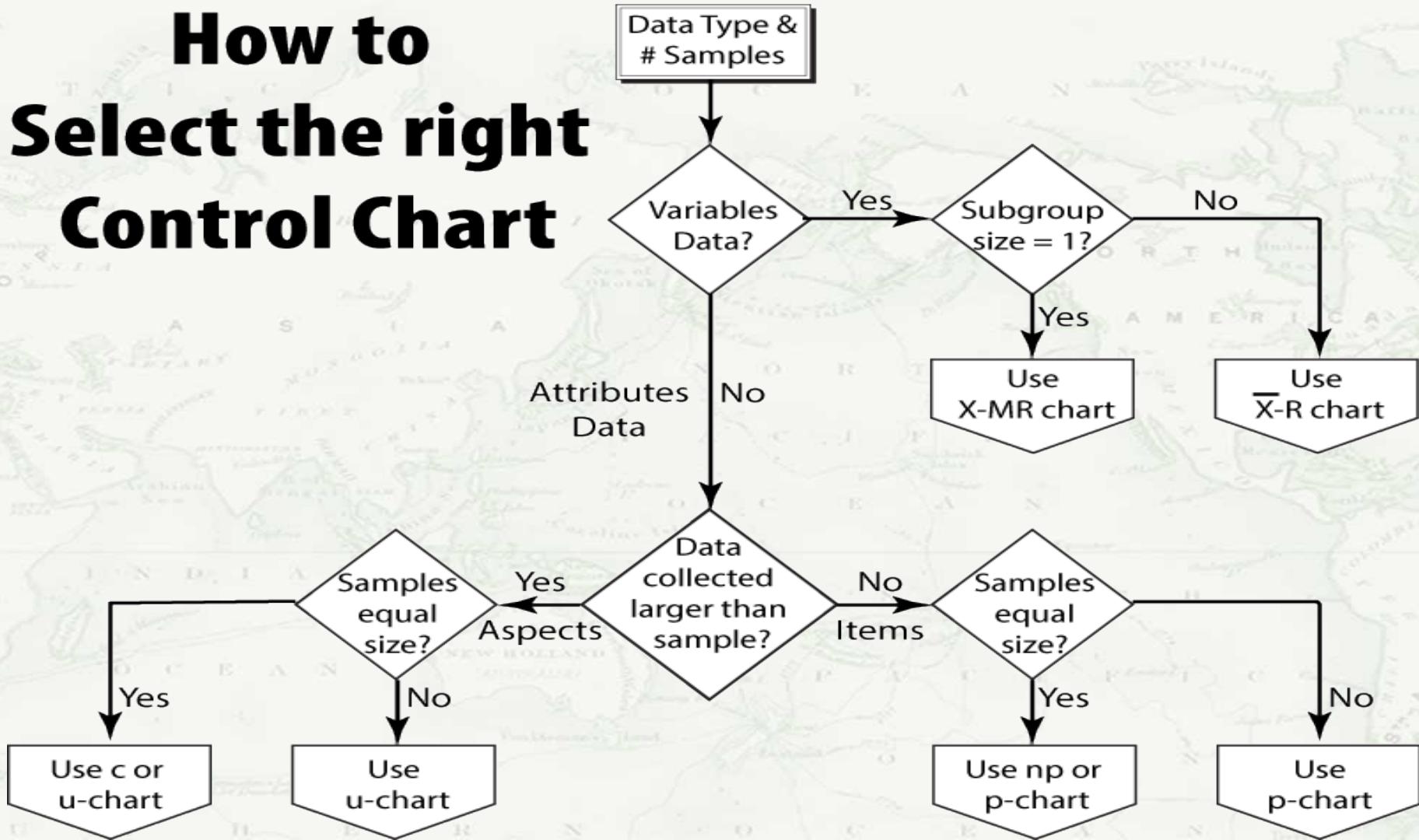
Selecting Control Charts



So many types of control charts

# SELECTING A CONTROL CHART

# How to Select the right Control Chart



# Limited Data

- **Run Chart – limited to single sample at a time**
- **MX – MR – moving average and moving range**
- **X – MR individual readings and moving range**

# Interesting Charts

- **X-bar and sigma – when standard deviation of sample is available**
- **Median charts – is the data heavily skewed**
- **CuSum charts – able to detect smaller shifts in the mean than Shewhart charts**
- **EWMA charts – able to detect small drift of mean**

What is your  
experience?



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Individual & Moving Range Charts