

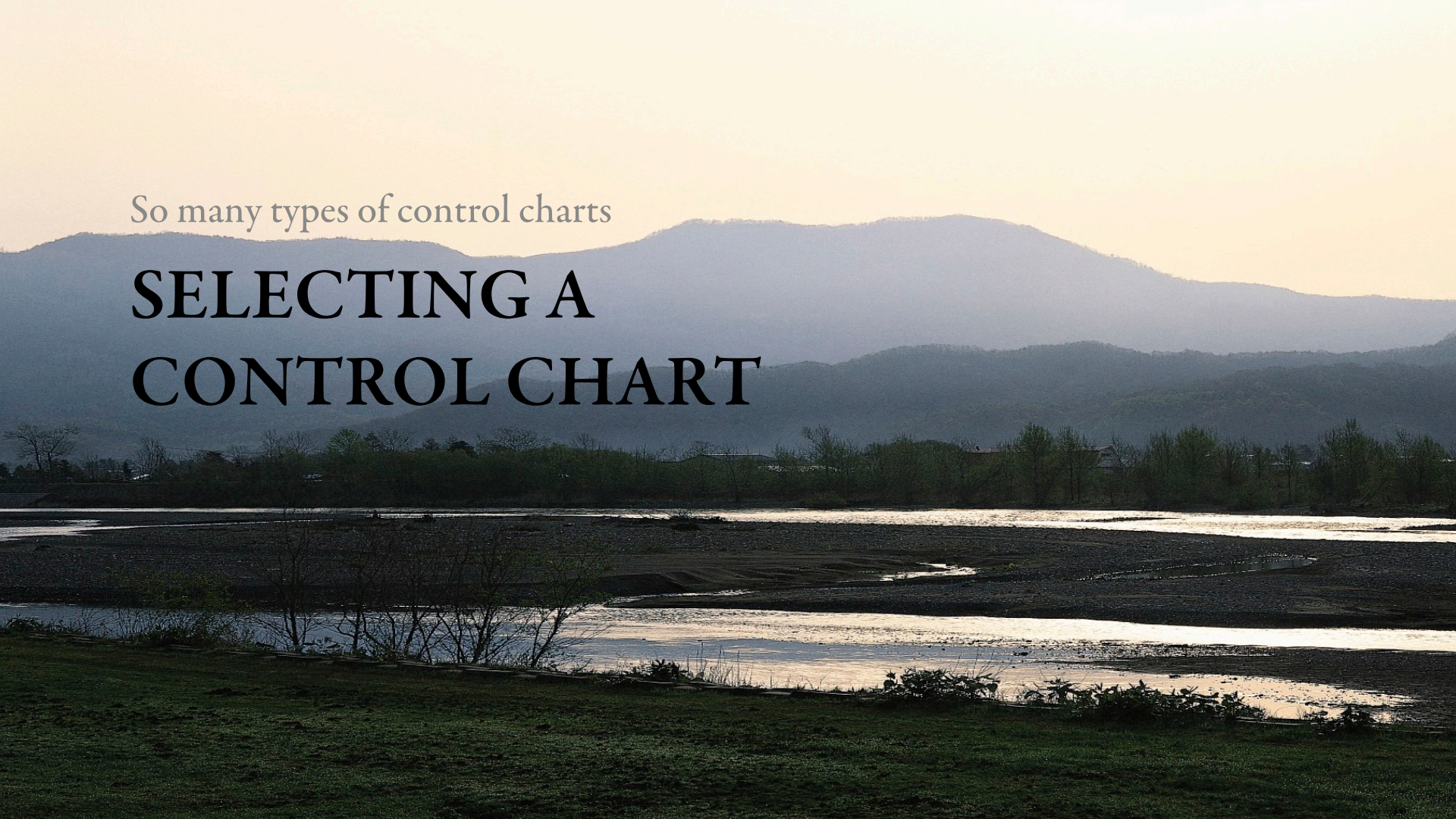


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SPC and Process Capability

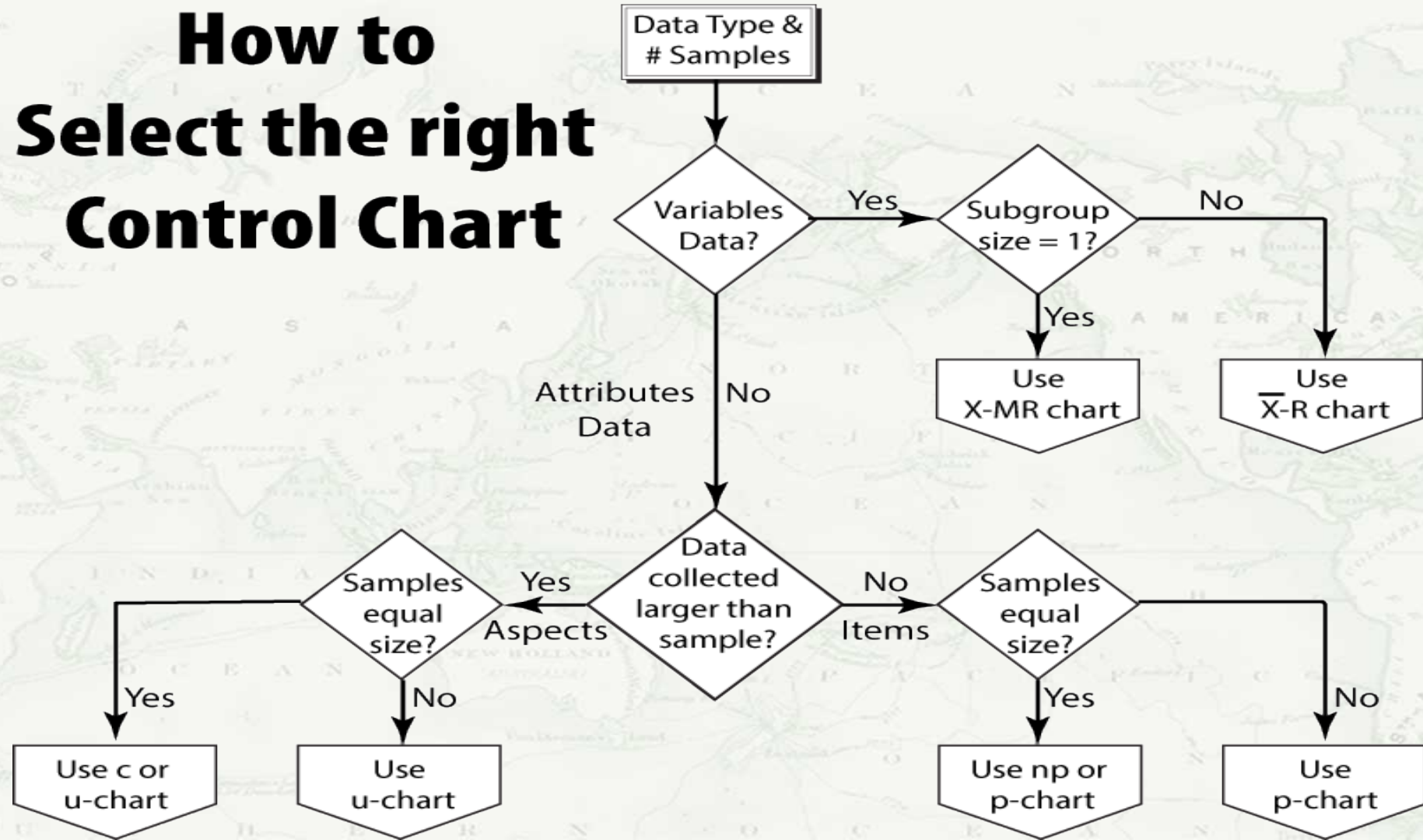
Selecting Control Charts

A scenic landscape photograph featuring a wide river with a rocky bed and patches of snow or sand. In the background, there are rolling mountains under a hazy, orange-tinted sky. The foreground is a grassy field with some small shrubs.

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