

Metrics

When producing a synthetic dataset, there is a need for a lot of random numbers. Many programming languages ha

Pseudo-random numbers look and act like random numbers, but are actually deterministically generated from an in

Random numbers are widely used in fields such as statistics, game theory, cryptography, and simulations. These ap
This chapter will explore the key concepts behind PRNGs. Before going into the mechanics of these generators, it is imp

R-Squared

The quality of a PRNG is determined by several key factors that influence its use for different applications. Some o

The numbers produced by the PRNG should be statistically independent, en- suring that each generated value exhibits