**Introduction to the Well Architected Framework**

**Link:**

* <https://aws.amazon.com/architecture/well-architected/>

**What is the well architected framework?**

* This has been developed by the Solutions Architecture team based on their experience with helping AWS customers. The well architected framework is a set of questions that you can use to evaluate how well your architecture is aligned to AWS best practices.

**5 pillars of the Well-Architected Framework:**

* Security
* Reliability
* Performance Efficiency
* Cost Optimization
* Operational excellence.

**Structure of each pillar**

* Design principles
* Definition
* Best Practices
* Key AWS services
* Resources

**General Design Principles**

* Stop guessing your capacity needs.
* Test systems at production scale.
* Automate to make architectural experimentation easier.
* Allow for evolutionary architectures.
* Data-driven architectures.
* Improve through game days (e.g. black Friday, Christmas, etc.).