

# Redis Training

## Introduction to Redis Architecture

- Overview of Redis and NoSQL
- Understanding the Key-Value model
- Considerations for your own Redis deployment

## Redis Installation and Administration

- Obtaining the right version of Redis
- Installing and Configuring Redis
- Administration and Security
- Replication and backup strategies
- Configuration for high performance

## Data modelling and development with Redis

- Redis Keys
- Data Types
- Strings
- Lists
- Set
- Sorted Set
- Strings
- Hashes
- HyperLogLog
- Publish/Subscribe
- Redis Transactions

## More Fun with Redis

- Building a Cache with Redis
- Using Redis as a Message Broker

## Rolling out your project

- Redis Connections
- Redis and JavaScript

- Redis Server and Pipelining
- Partitioning
- Backup and Replication
- Redis Security
- Performance Tuning and Bernchmarks
- Deploying Redis in the Cloud - AWS, Azure