

# Sela.

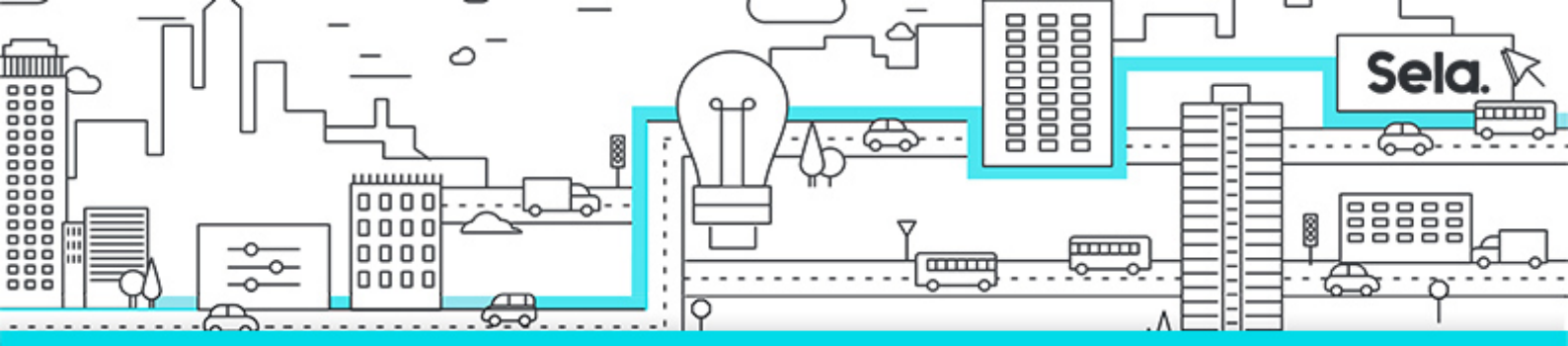
GoWS

## Go Workshop: From Prototype to Powerhouse

college@sela.co.il

03-6176666





# Go Workshop: From Prototype to Powerhouse

GoWS - Version: 1

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## 1 day course

### Description:

Have you ever watched a quick-and-dirty proof-of-concept soar in popularity—only to crash because it couldn't handle the scale? It's a common pitfall in fast-paced development environments. Enter Go (Golang), the revolutionary language launched in 2009 that's reshaping how we build scalable software.

Join us for an exciting workshop, where you'll unlock the secrets of Go's "PoC Now - Scale Later" approach. Through an immersive, hands-on experience, we'll guide you in transforming a basic prototype into a robust application capable of handling massive growth with minimal code changes.

You'll delve into a real-world use case that embodies this philosophy, leveraging Go and Google Cloud Platform services to construct a grid computing system using a cluster of your own machines.

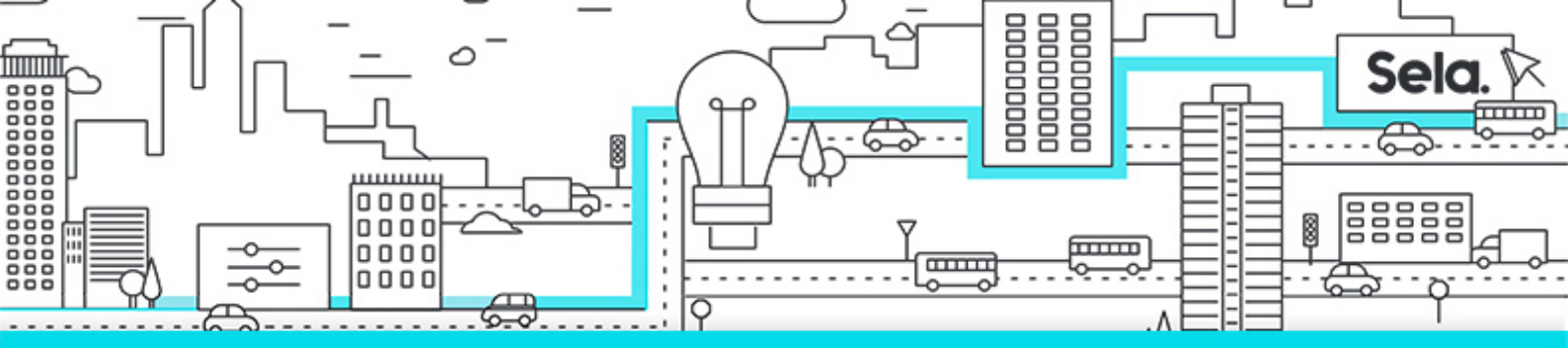
By the end of the day, you'll not only understand how to build applications that scale effortlessly but also gain practical skills to future-proof your projects against runaway success.

### Intended Audience:

Developers

### Topics:

- **Introduction to Go (Golang):**
  - Overview of Go's impact on scalable software development.



- The "PoC Now - Scale Later" approach in Go.

- **Common Pitfalls in Scaling Prototypes:**

- Challenges of scaling quick-and-dirty proofs-of-concept.
- How Go addresses these issues.

- **Hands-on with Go:**

- Building and transforming a basic prototype into a scalable application.
- Minimal code changes for maximum scalability.

- **Real-World Use Case:**

- Using Go and Google Cloud Platform services to build a grid computing system.
- Working with a cluster of machines for large-scale computing.

- **Future-Proofing Applications:**

- Practical skills for ensuring your applications can handle rapid growth.
- Best practices for scalability in software development using Go.