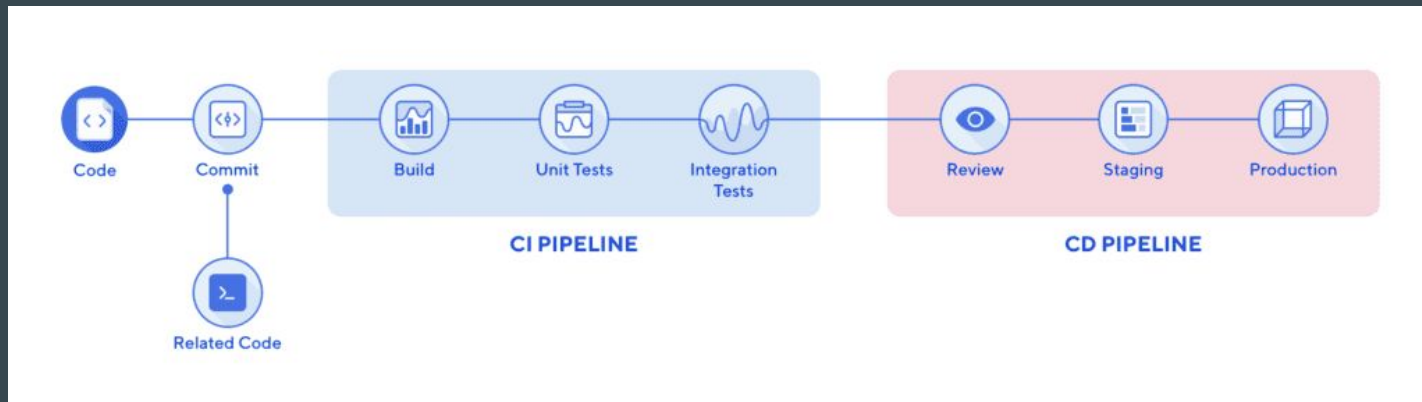


# CI CD Cycle & Benefits

## Cycle



## Benefits

1. Agility & Velocity
2. Quality
3. Productivity
4. Sustainability

# Agility & Velocity

Automated software delivery pipelines help organizations respond to market changes better. The need for speed is of utmost importance to reduce shelf time of new features.

With a low Time to Market, organizations have a better chance to outmaneuver their competition and stay in business. Also failures are detected faster and as such, can be repaired faster, leading to increasing release rates.

# Quality

Using CI/CD, test reliability improves due to the bite-site and specific changes introduced to the system, allowing for more accurate positive and negative tests to be conducted.

# Productivity

Doing the tedious and repetitive tasks, like filling out a bug report for every defect discovered, by pipelines instead of humans.

This lets teams focus on vision while pipelines do the execution.

# Sustainability

CD provides the business with more flexibility in how it delivers features and fixes. As mentioned above the result from having well defined processes and automation for repeated task will eliminate production failures and increase productivity in a sustainable and safe environment, where no one is scared from human mistakes.