

Kotlin Use Cases



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Kotlin IDEs

Android Studio

Maintained by Google

Fully free

Specifically for mobile development

Plugins available

Based on IntelliJ IDEA

VS

IntelliJ IDEA

Maintained by JetBrains

Free and paid editions available

Supports a broad range of scenarios

Plugins available



Use Case

Android Studio

IntelliJ IDEA





Popular Kotlin Libraries



Ktor

HTTP client

Easily create API endpoints

Host static and dynamic websites

Supports WebSockets

Robust project generator



Dependency Injection

- Separates code into smaller units**
- Improves testing**
- Allows for pieces to be swapped out**
- Koin is a great Kotlin-only framework**
 - Works on server-side, iOS, and Android



Image Loading with Coil

**Android
specific library**

Small and fast

**Supports a variety of
image sources**

**Built-in and custom
transformations**

**Fully compatible
with Compose**

**Kotlin-first framework
with limited
Java support**



Course Summary



Kotlin and its benefits and disadvantages

Common use cases

IDEs and powerful libraries



Thank You!

