

Syntax & Syntax Sugar



Readable Code

- In a perfect world, anyone should be able to read someone else's code and be able to fully understand its purpose and function



CCR

- Clear, Concise, and Readable!



CCR

- **Note:** Sometimes being CCR is very subjective, so always default to your company's best practices.



C#

History

C# was developed by Microsoft within its .NET framework initiative and was designed by **Anders Hejlsberg**. C# is a general-purpose, object-oriented based programming language.

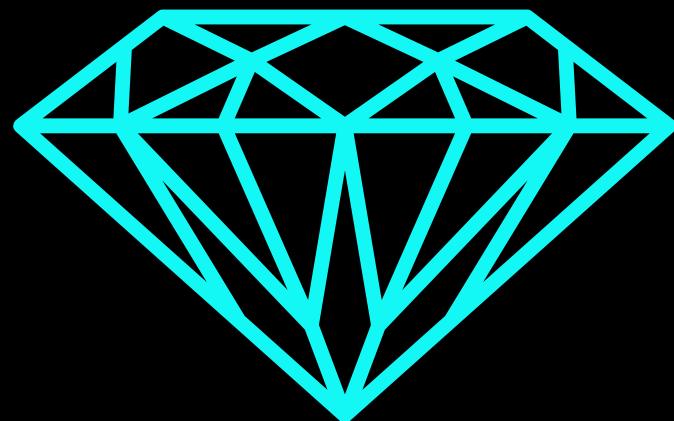


OOP

In an object-oriented language, **syntax** is a major part of the composition of code, affecting readability and how the code actually functions when compiled and executed.

Clear

Code should have a clear purpose
and meaning



Concise

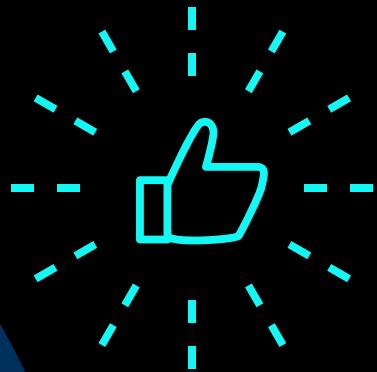
Code should not be unnecessarily long or verbose



Readable

Code should be easy to read and understand





"Best Practice"

This is syntax that is not required, but is **considered the best thing to do**. For example, using type inference with the var keyword is considered best practice.



Syntax Sugar

This is syntax that is not required and not necessarily best practice, but merely makes coding more convenient or concise.

In a nutshell, this is just syntax which allows writing more with less. While generally good, if taken to extremes this can reduce readability. Remember, code is for humans!



Code Smell

- any indicator in a program that a potentially deep-seated issue is present.
- It is usually subjective and depends on factors including the particular language and experience.





Smelly Code

- Large Class - A class that has grown too large.
- Long Method - A method that is too long and trying to do too much



Inferred Typing

- `var firstName = "John";`

Explicit Typing

- `string firstName = "John";`

More Sugar!

- Ternary Statement
- String Interpolation

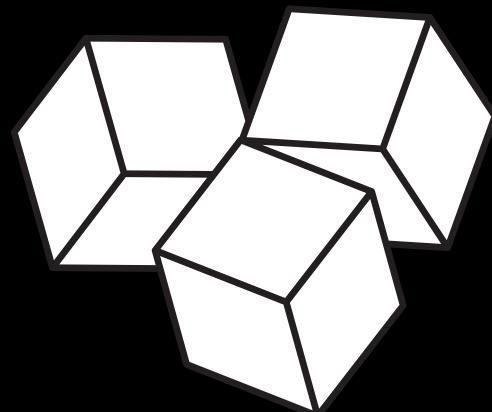


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About Us

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Our Team



Olivia Wilson
CEO



Aaron Loeb
Manager



Claudia Alves
Accounting

Experience

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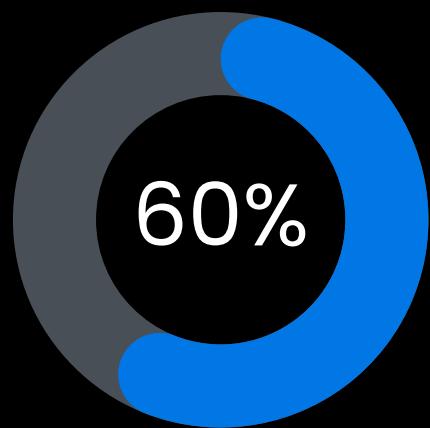
Services



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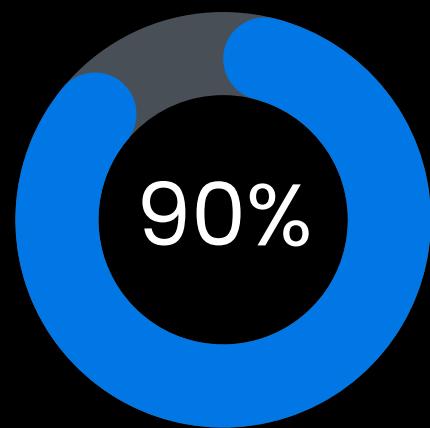
Infographics

Week 1



85%

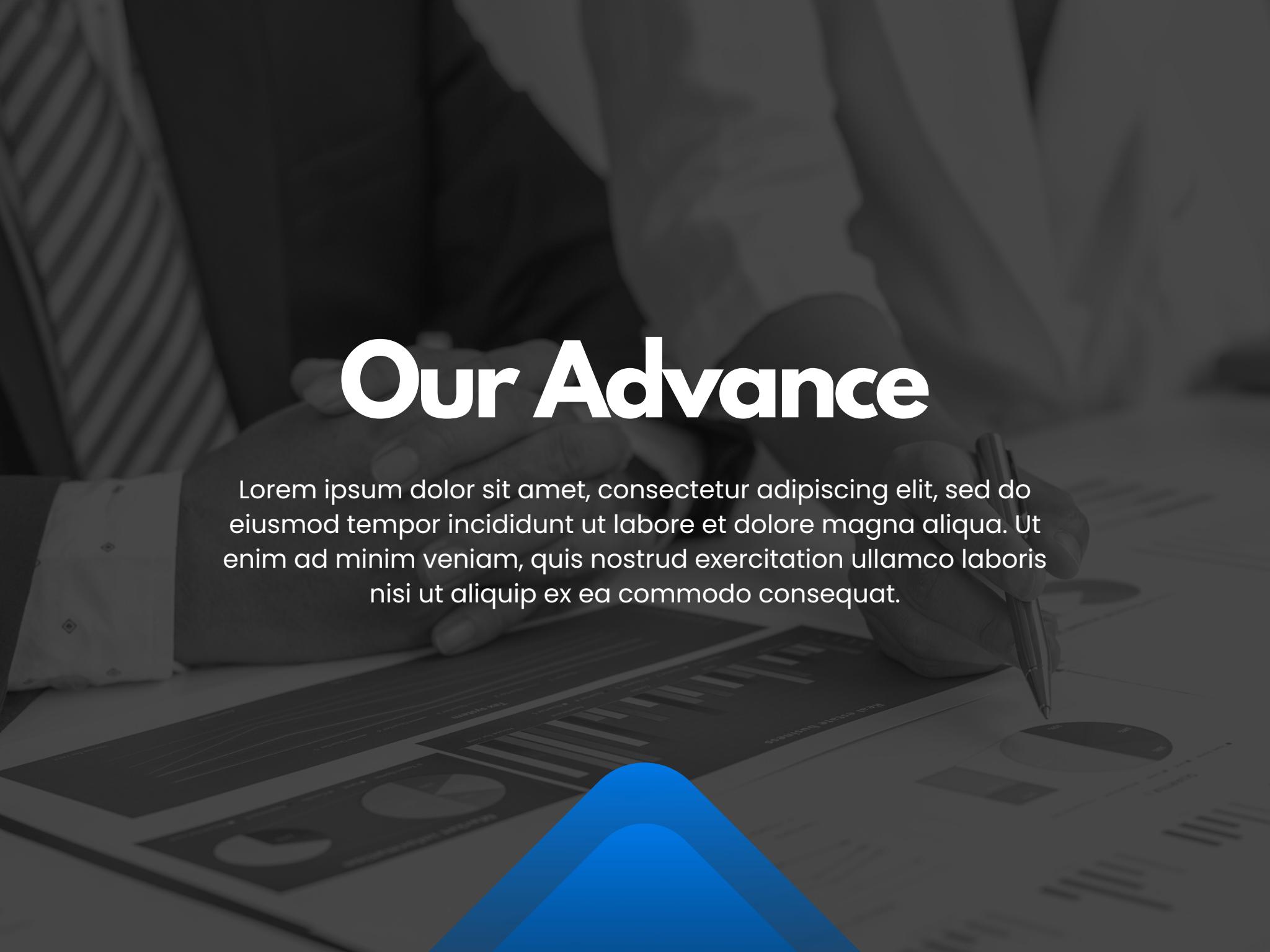
Week 3



Week 2

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Our Advance

A black and white photograph showing a person's hands and arms. They are sitting at a desk, looking at a laptop screen which displays various bar and pie charts. A smartphone is also on the desk. The person is wearing a light-colored shirt. The background is slightly blurred.

A large blue curved shape is visible in the bottom right corner.

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Contact Us

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Thank You