

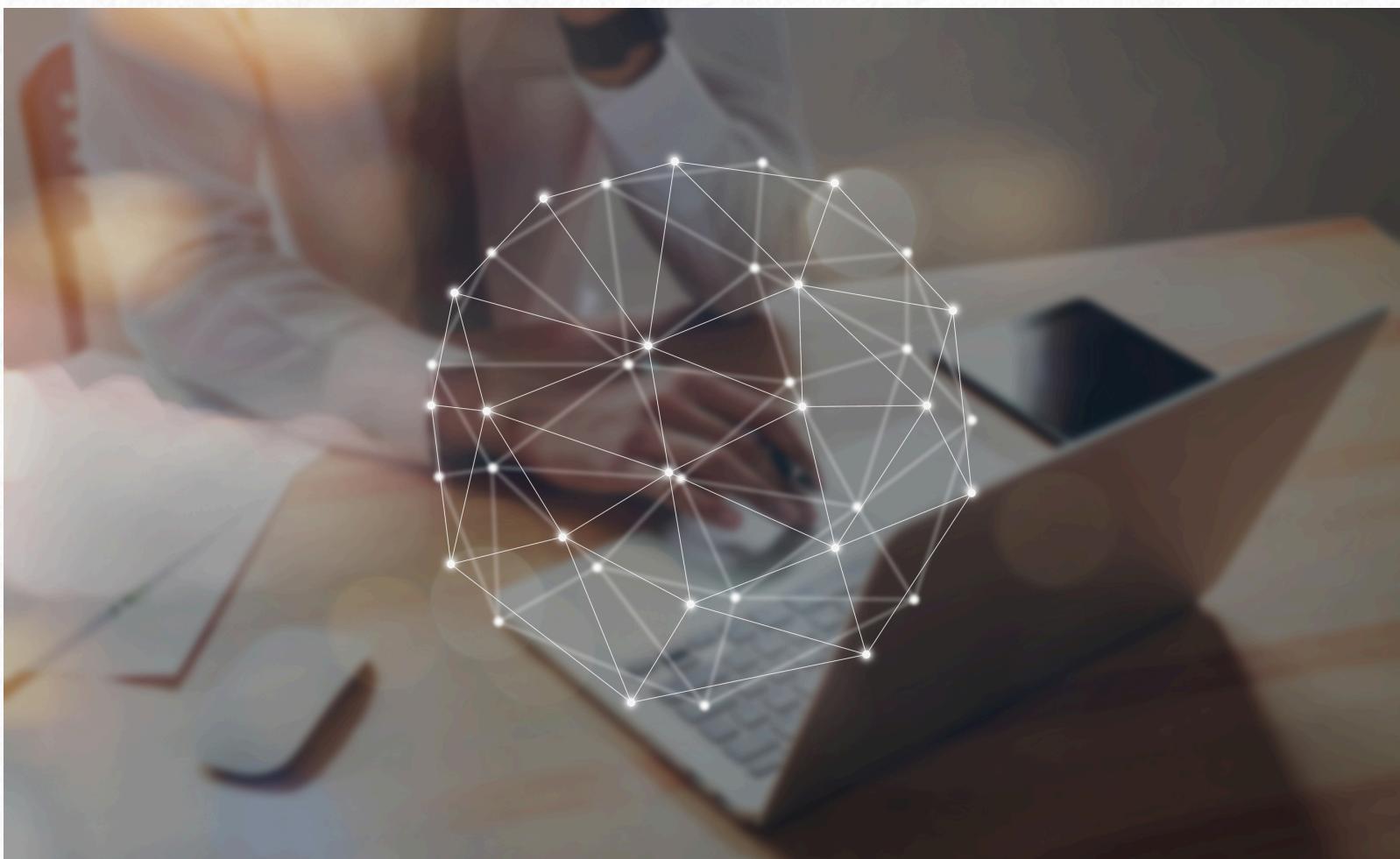
Introduction to Salesforce Apex Programming

@salesforce-learner-community

Salesforce Apex is a powerful programming language that allows developers to build and customize applications on the Salesforce platform. This carousel will provide an introduction to the basics of Salesforce Apex programming

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Apex Syntax



- Apex has a syntax similar to that of Java, with some differences specific to the Salesforce platform. Key features include class definitions, methods, and data types.



Apex Triggers



- Triggers in Apex are code snippets that execute when a specific event occurs in the Salesforce platform, such as when a record is created, updated, or deleted. Triggers can be used to automate processes and enforce business rules.

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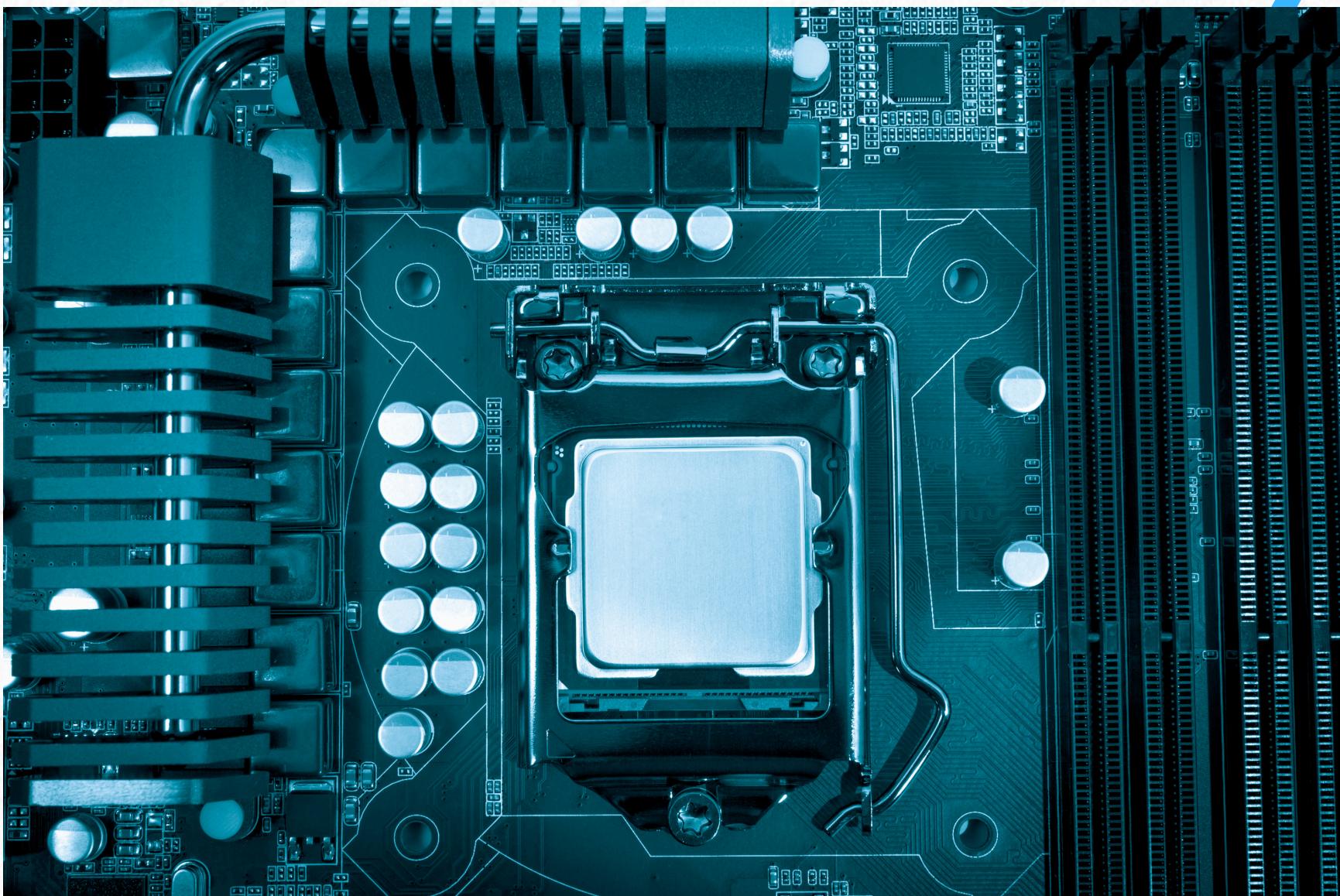
Apex Classes and Objects

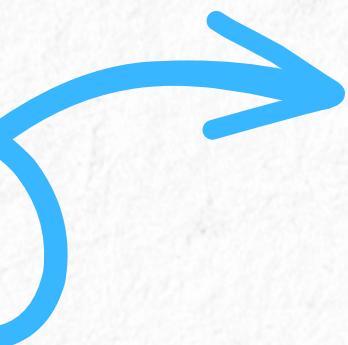


- Apex classes are templates used to create custom objects in Salesforce. These objects can be used to store data and execute business logic. Apex classes can be used to create custom logic for data manipulation, calculations, and other tasks.

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Apex Collections



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- Apex Collections, such as lists and maps, allow developers to efficiently process and manipulate large sets of data in Apex. They can be used to improve the performance and efficiency of Apex code.

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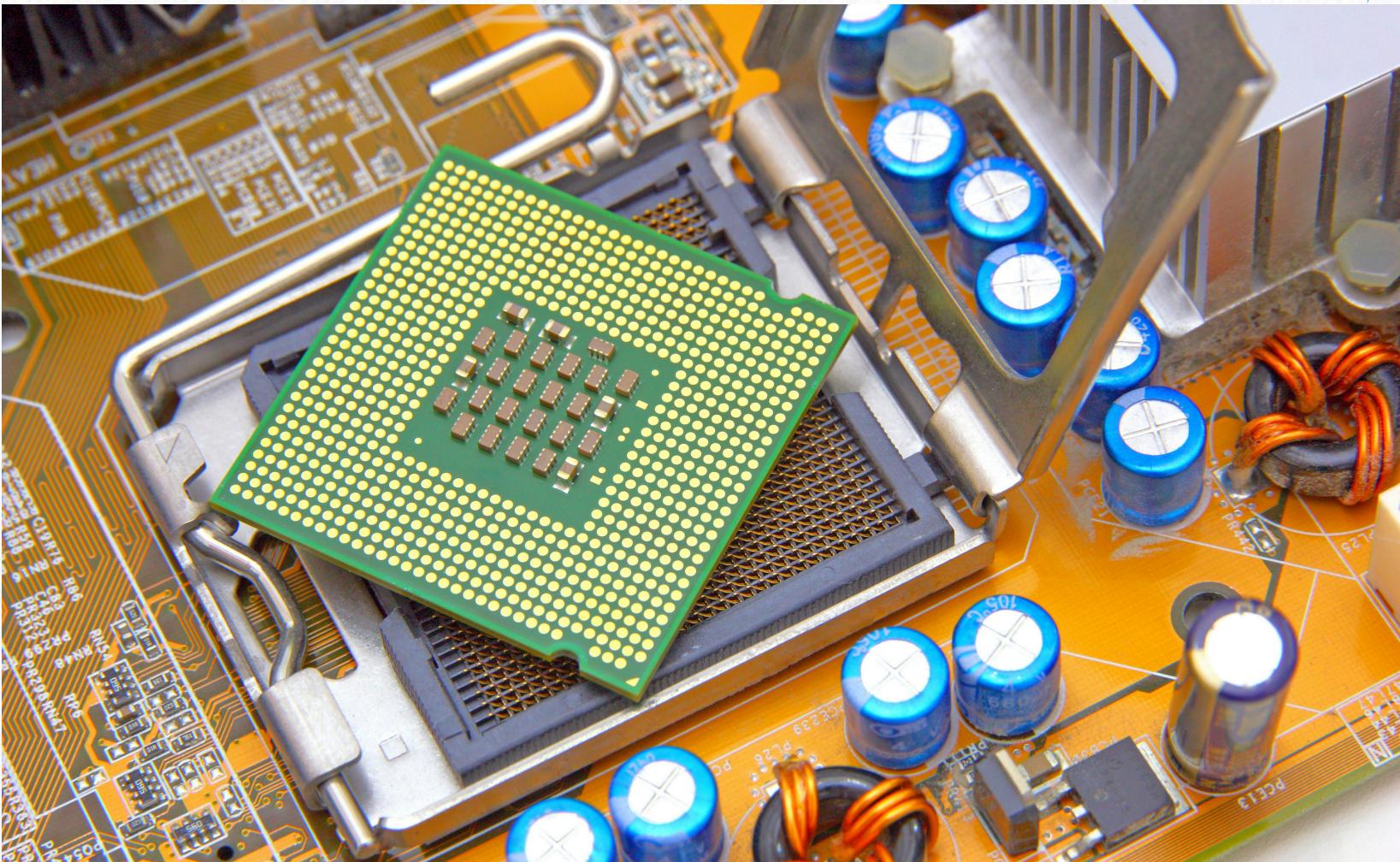
Apex Integration



- Salesforce Apex supports integration with external systems and APIs, allowing for the exchange of data and information between Salesforce and other platforms. This integration can be accomplished using web services, HTTP requests, and other methods.

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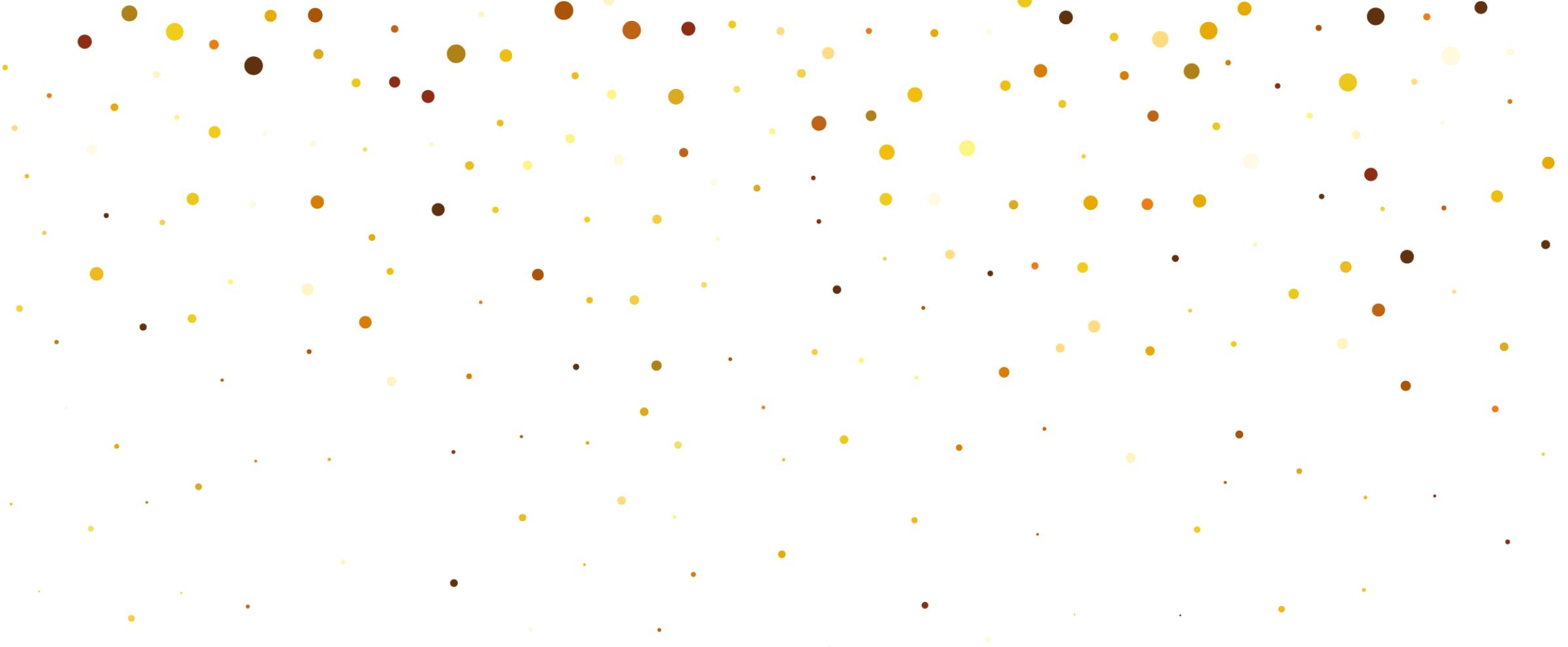
Apex Governor Limits



- Salesforce enforces limits on the amount of resources, such as CPU time and memory, that can be consumed by Apex code. Developers need to be aware of these limits and design their code accordingly to avoid hitting limits and causing errors.

Conclusion

Salesforce Apex is a powerful programming language that can be used to create custom applications and automate processes on the Salesforce platform. Understanding the basics of Apex syntax, triggers, classes and objects, collections, integration, and governor limits is essential for developers looking to master Salesforce Apex programming.



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implementing new techniques can
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and efficiency in using Salesforce.
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