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**Financial Engineering**  
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# Financial Engineering

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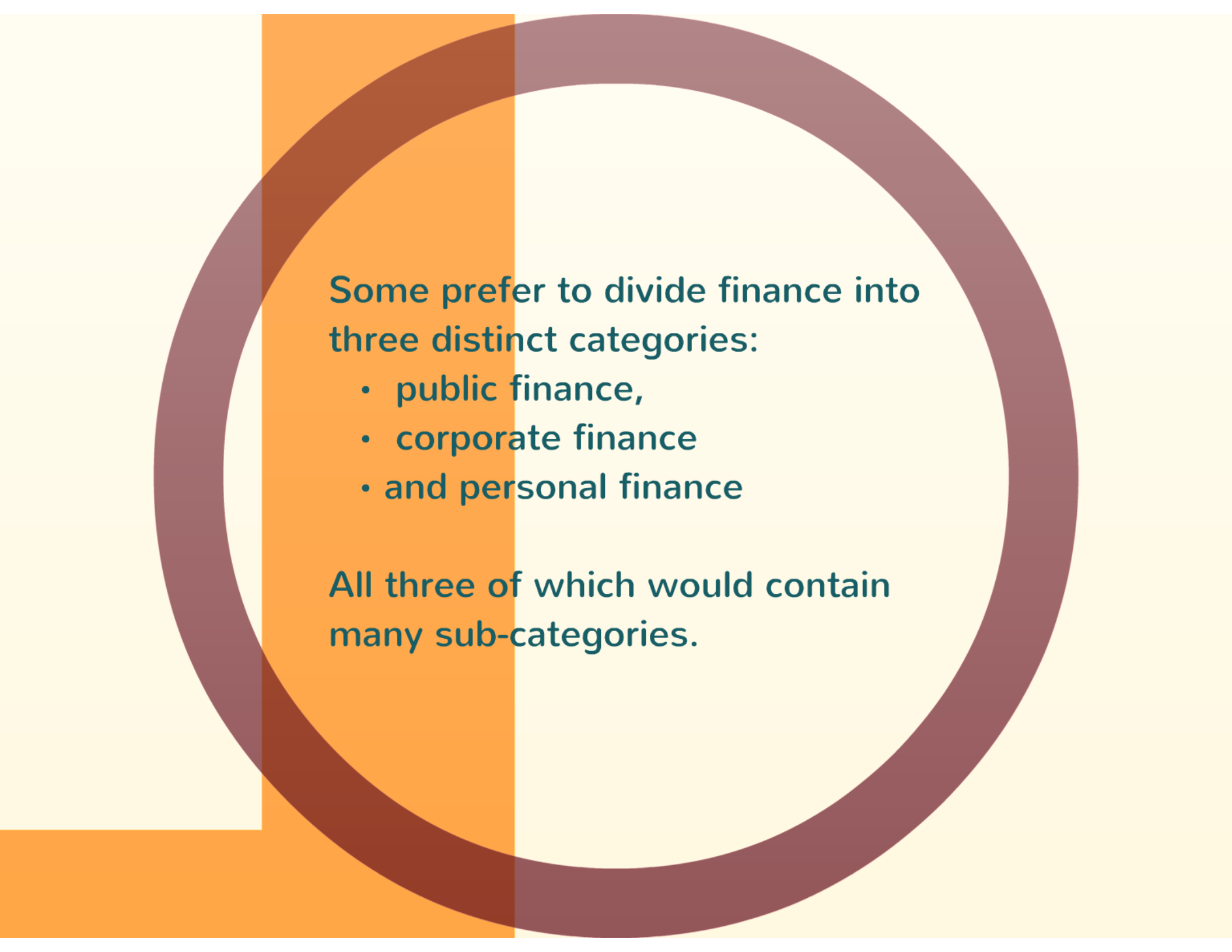
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# definition of Finance

The science that describes the management, creation and study of money, banking, credit, investments, assets and liabilities.

# definition of

The science that describes the management, creation and study of money, banking, credit, investments, assets and liabilities.



Some prefer to divide finance into three distinct categories:

- public finance,
- corporate finance
- and personal finance

All three of which would contain many sub-categories.

## Definition of Financial engineering

The use of mathematical techniques to solve financial problems.

Financial engineering uses tools and knowledge from the fields of computer science, statistics, economics, applied mathematics and financial theory to address current financial issues as well as to devise new and innovative financial products

OR

Financial engineering involving financial theory, engineering, the tools and practice of programming