

# Web Development

(For Ages 11 To 13)



Sessions: 1 – 48

(Page 1)

Sessions: 49 – 96

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Sessions: 97 – 144

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## Codeyoung's Coding Program Is Internationally Certified By STEM.ORG

Program curriculum & structure at par with US schools standard.

Verify accreditation - <https://bit.ly/3ijbY7E>



## Become A Website Builder

Learn Front-End Development Of Websites

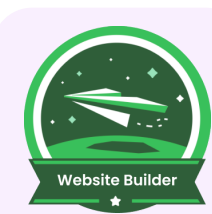
### The Path To Mastery



48 sessions



Website Builder



96 sessions



Website Superstar



144 sessions



Website Master



## Learn Front-End Development In Fun Manner While Building Dynamic Websites



### Basics of HTML

Session 1-8

- Structure of Website
- HTML Formatting
- Images & Tables



### Basics of CSS

Session 9-11

- Styling of Website
- Graphical Effects & Alignment



### Advance HTML

Session 12-28

- HTML forms
- HTML Graphics & Maps



### Basics of JavaScript

Session 29-44

- Introduction to JavaScript
- JavaScript Objects
- Exception Handling



### Launching A Website

Session 45-48

- Introduction to GitHub
- Web Hosting

## What Will My Child Create?

5

Static Webpages

+

5

Dynamic Webpages

### Examples



Tribute Page



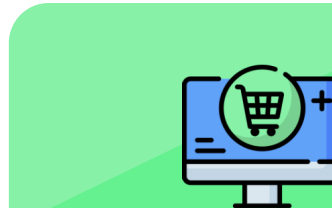
Portfolio Website



Multimedia Website

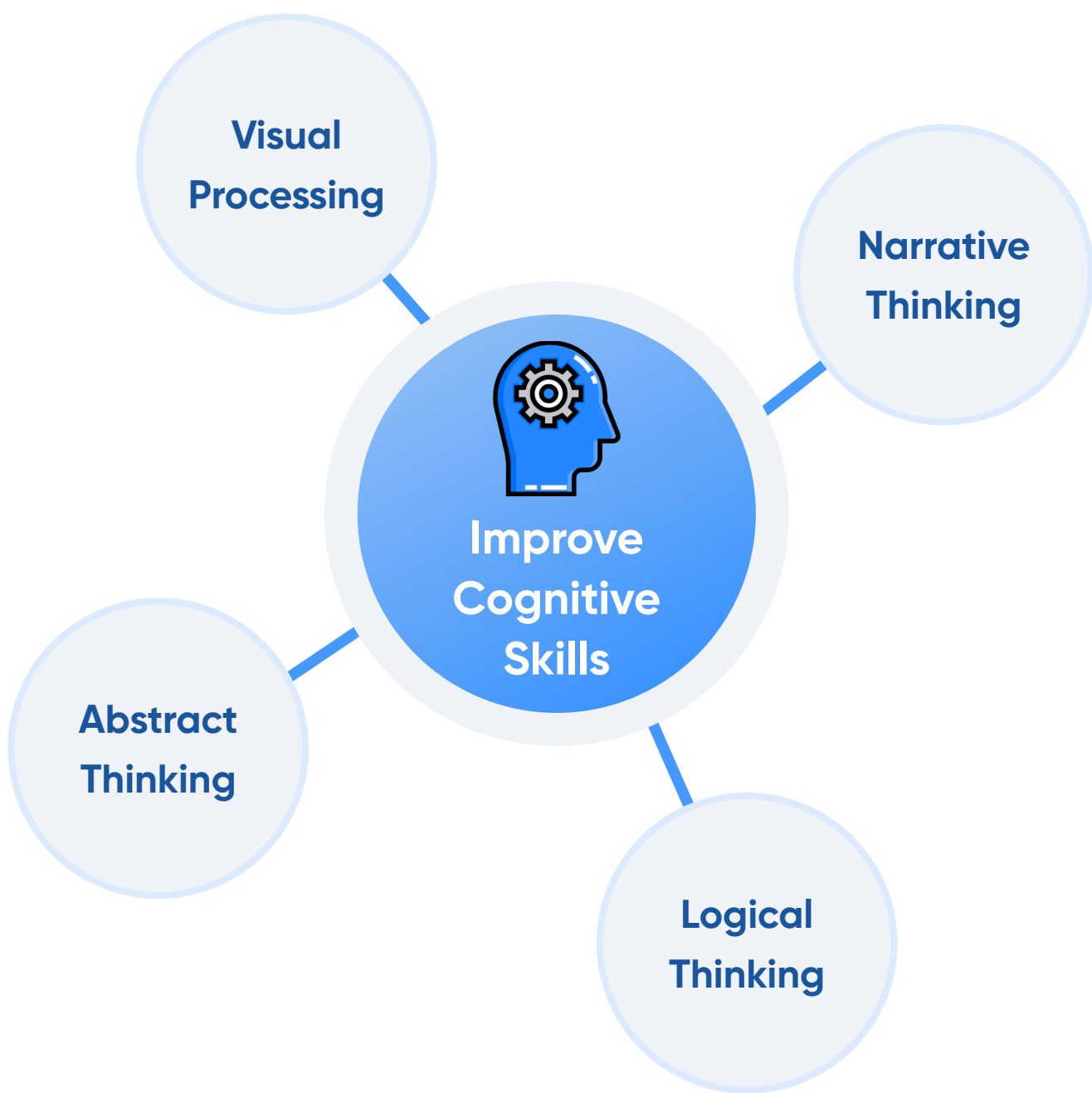
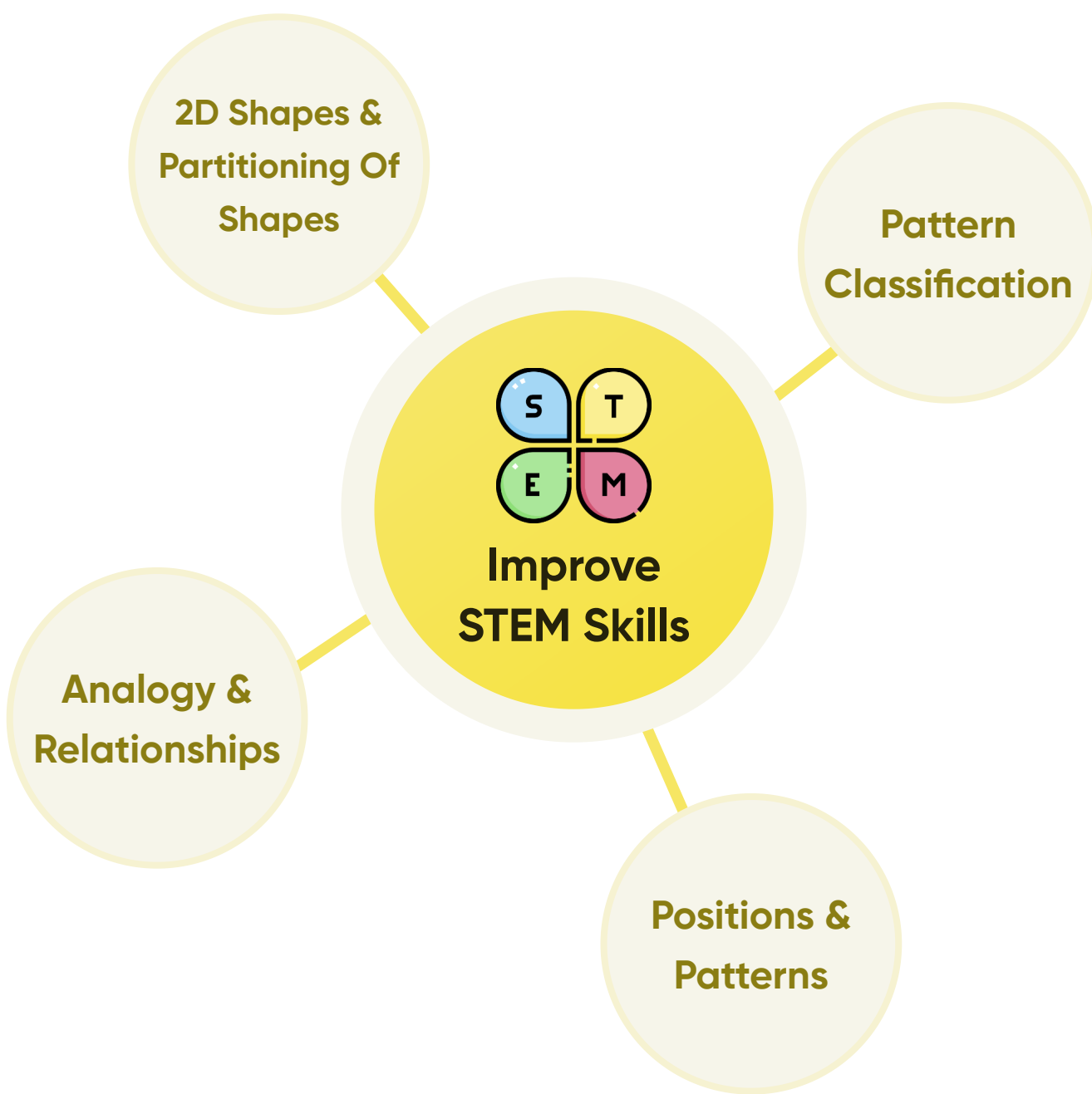


Store Website



E-Commerce Website

## Improve STEM & Cognitive Skills Via Coding!



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## Become A Website Superstar

Learn To Build Interactive Websites

### The Path To Mastery



48 sessions



Website Builder



96 sessions



Website Superstar



144 sessions



Website Master



## Learn Advanced JavaScript Concepts While Building Responsive And Interactive Websites Using React And Bootstrap



Bootstrap

Session 49-56

- Bootstrap
- Images & Cards
- Forms & Buttons



Advanced JS & React

Session 57-72

- Loops & Arrays
- OOPs in JS
- Asynchronous JS



ReactJS Components

Session 73-80

- ReactJS
- Rendering & Binding
- Component Creation



State, Props & Routing

Session 81-88

- Managing State
- Using Props
- React Routing



Hosting The React App

Session 89-96

- Axios
- Error-handling
- Hosting Webapp

## What Will My Child Create?

5

Responsive Websites

+

2

Interactive Web-Apps

### Examples



Responsive Website



JavaScript Project

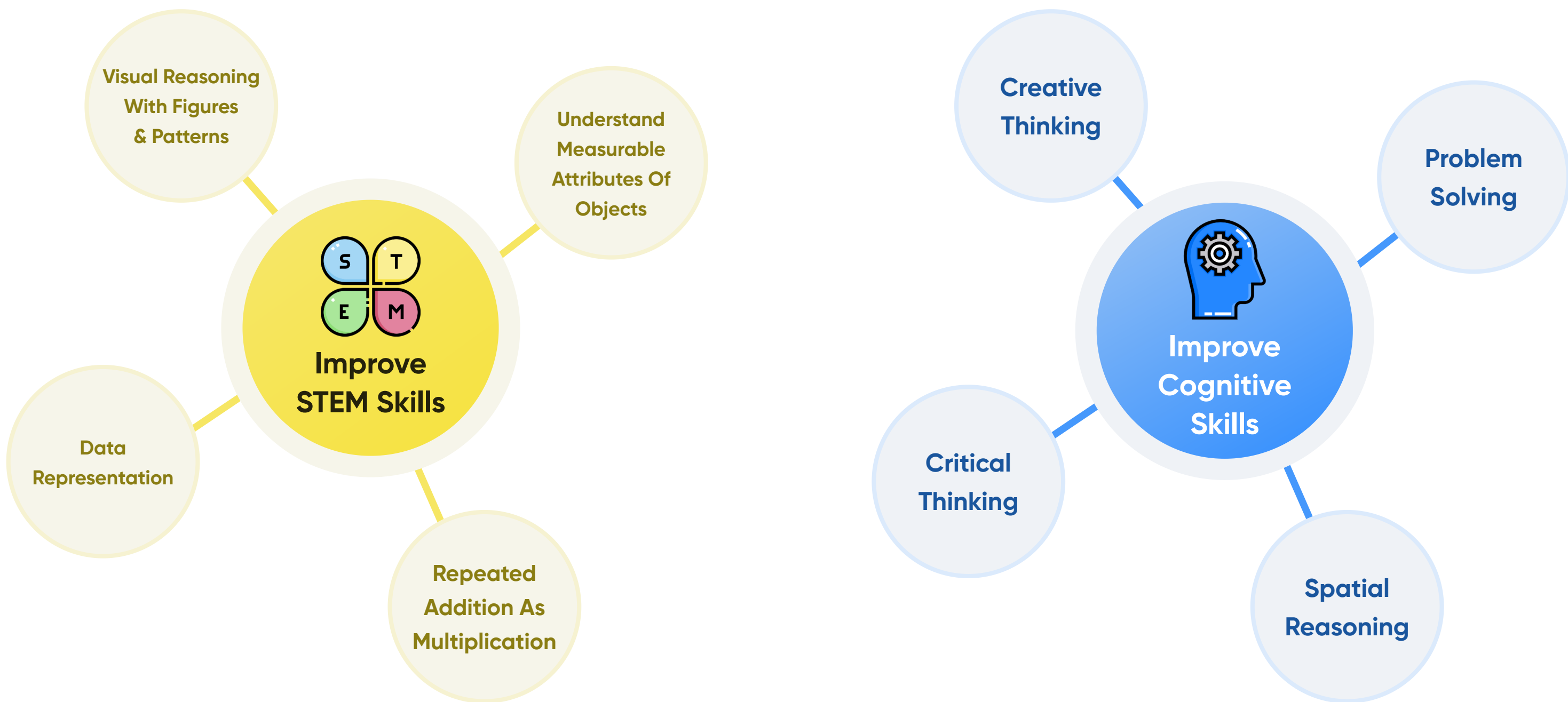


ReactJS website



Frontend React App

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## Become A Website Master

Learn To Build Full-Stack Websites

### The Path To Mastery



48 sessions

96 sessions

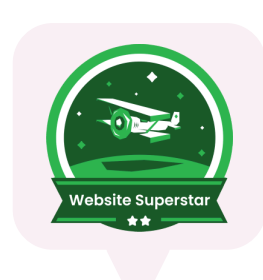
144 sessions



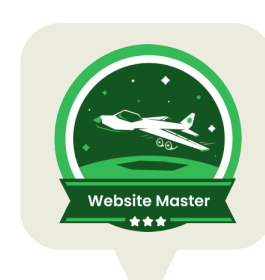
Website Builder



Website Superstar



Website Master



## Learn To Manage Database And Build Full-Stack Websites Using Node And Express



Database Management

Session 97-112

- Introduction to MySQL
- Inserting & modifying Data
- Queries
- Clauses



Introduction to Back-end

Session 113-120

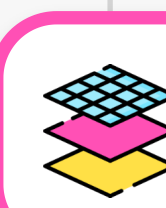
- NPM
- Node
- Rest API



ExpressJS

Session 121-128

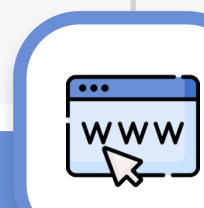
- ExpressJS
- Routing
- Route definition



Middleware

Session 129-136

- Application level middleware
- Router level middleware



Full Stack Web App

Session 137-144

- CRUD in Node & Express
- Hosting a Full-Stack Application

## What Will My Child Create?

2

Database Management

+

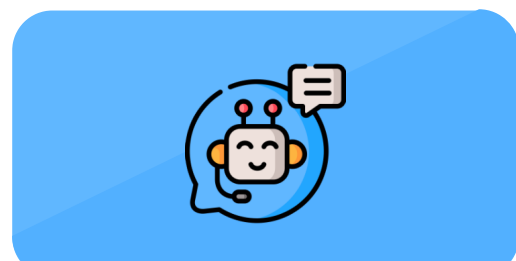
2

Full Stack Website

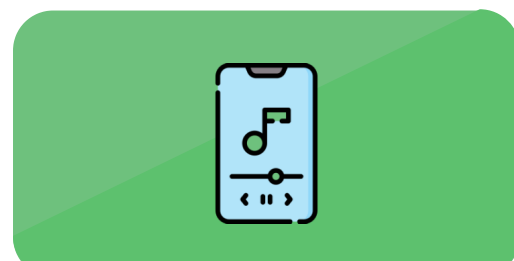
### Examples



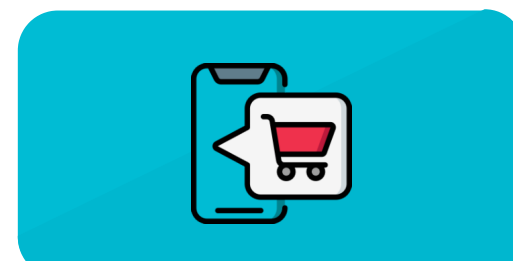
MySQL Project



Telegram Bot

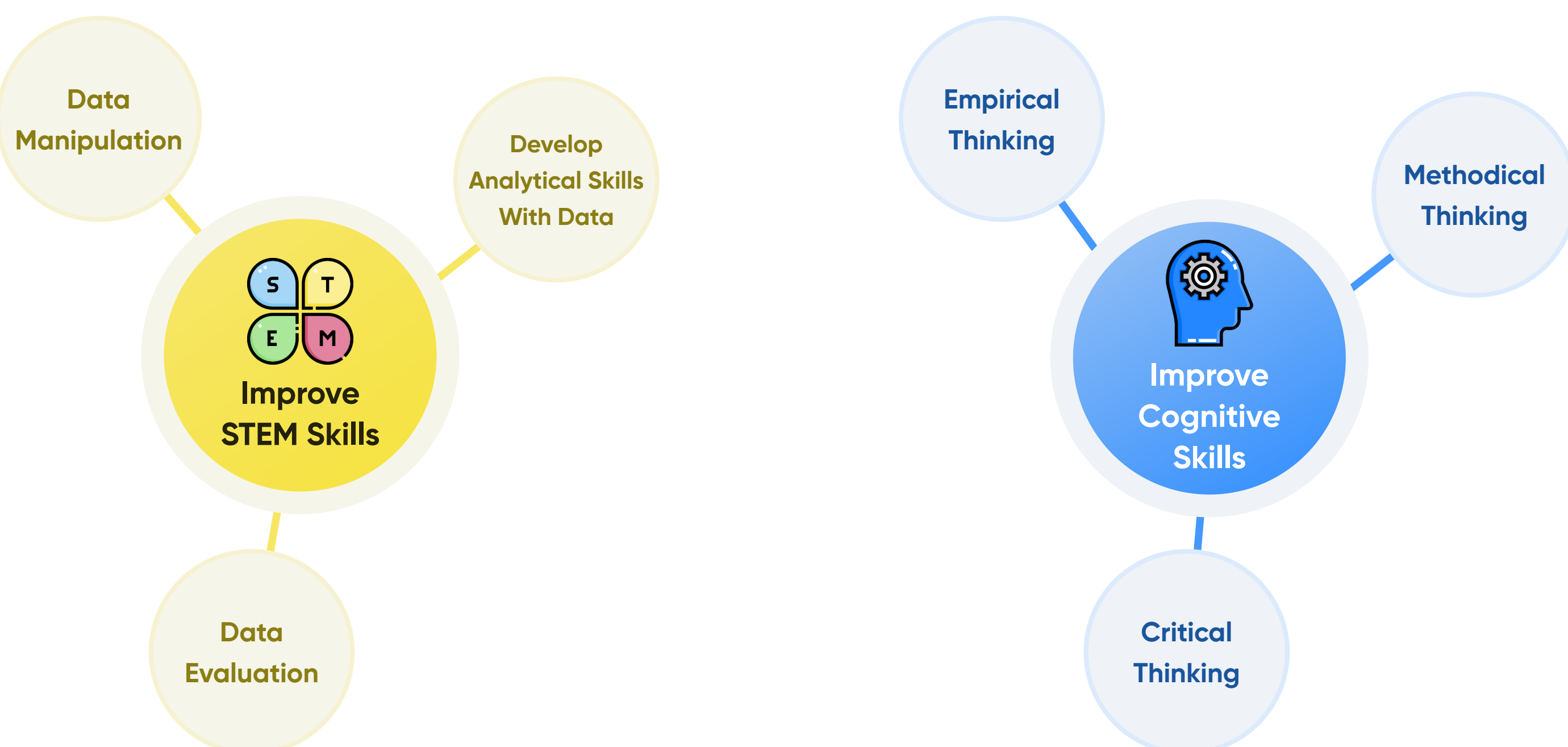


Music Searching App



E-Commerce App

## Improve STEM & Cognitive Skills Via Coding!



15-days no questions refund policy



Lifetime access to CY learning content

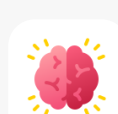


Easy Monthly-EMI options

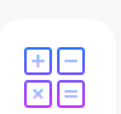


### The Codeyoung Promise

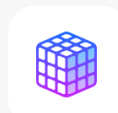
Kids who do well in coding, do much better at school!



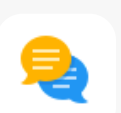
Enhanced Creativity



Better at Math



Improved Logic



Confidence in Communication