



## Dart Programming

### **Description:**

Learn how to write Dart programmes from the ground up. This course is designed for those who have never programmed before. Dart is a strong and expressive language with a simple learning curve. This makes it an excellent first language. Dart provides a client-optimized language, rich and powerful frameworks, and flexible tools to help you create attractive, high-quality experiences across all screens.

### **Start Date:**

### **Doubt Clear Time:**

### **Course Time:**

### **Features:**

# Course material

# Course resources

# On demand recorded videos

# Practical exercises

# Quizzes

# Assignments

# Course completion certificate

### **What we learn:**

# Dart fundamentals

# Data types in Dart

# Arrays

# Maps

# Constants

# Operators

# Conditionals

# Functions

# Object Oriented Programming in Dart

# Asynchronous subroutines

### **Requirements:**

# System with minimum i3 processor or better

# At least 4 GB of RAM

# Working internet connection

# Dedication to learn

### **Instructor:**

#### **Name:**

Hitesh Choudhary

## **Description:**

I like to make videos related to code and tech in my free time. I also lead a few tech teams in startups, help in hiring talent for companies. I am also on a part time traveller, with 31 countries checked off so far!

## **>Introduction to Dart programming language:**

>>Introduction to dart

### **>Hello World on MAC in Dart:**

>>Dart installation on MAC

### **>Hello World on Windows in Dart:**

>>Dart installation for WINDOWS

### **>Basics of Dart:**

>>Introduction to variables

>>datatypes in dart

>>array in dart

>>Maps in dart

>>Constants and operations

### **>Conditionals in Dart:**

>>Introduction to if and else in dart

>>Advance if else statement in dart

>>Switch and case in dart

### **>Functions and loops in Dart:**

>>basics of functions

>>Creating a calculator in dart

>>advance functions in dart

>>While loop in dart

>>Do While loop in dart

>>Solution for assignment in dart

>>for and for in loop in dart

### **>Intermediate Dart:**

>>More on Arrays in dart

>>More on maps in dart

>>for each loop for map in dart

### **>OOPS in Dart:**

>>Classes in dart

>>Objects in dart

>>constructor in Dart

>>getters and setters in dart

>>inheritance in dart

>>Interface in dart

>>Using multiple files in classes

### **>Advance Dart:**

>>Generics in dart

>>Code cascading in dart

>>Custom exception handling

>>Dart libraries

>>future and async in dart

>>Web server in dart

>>Making an API request in dart