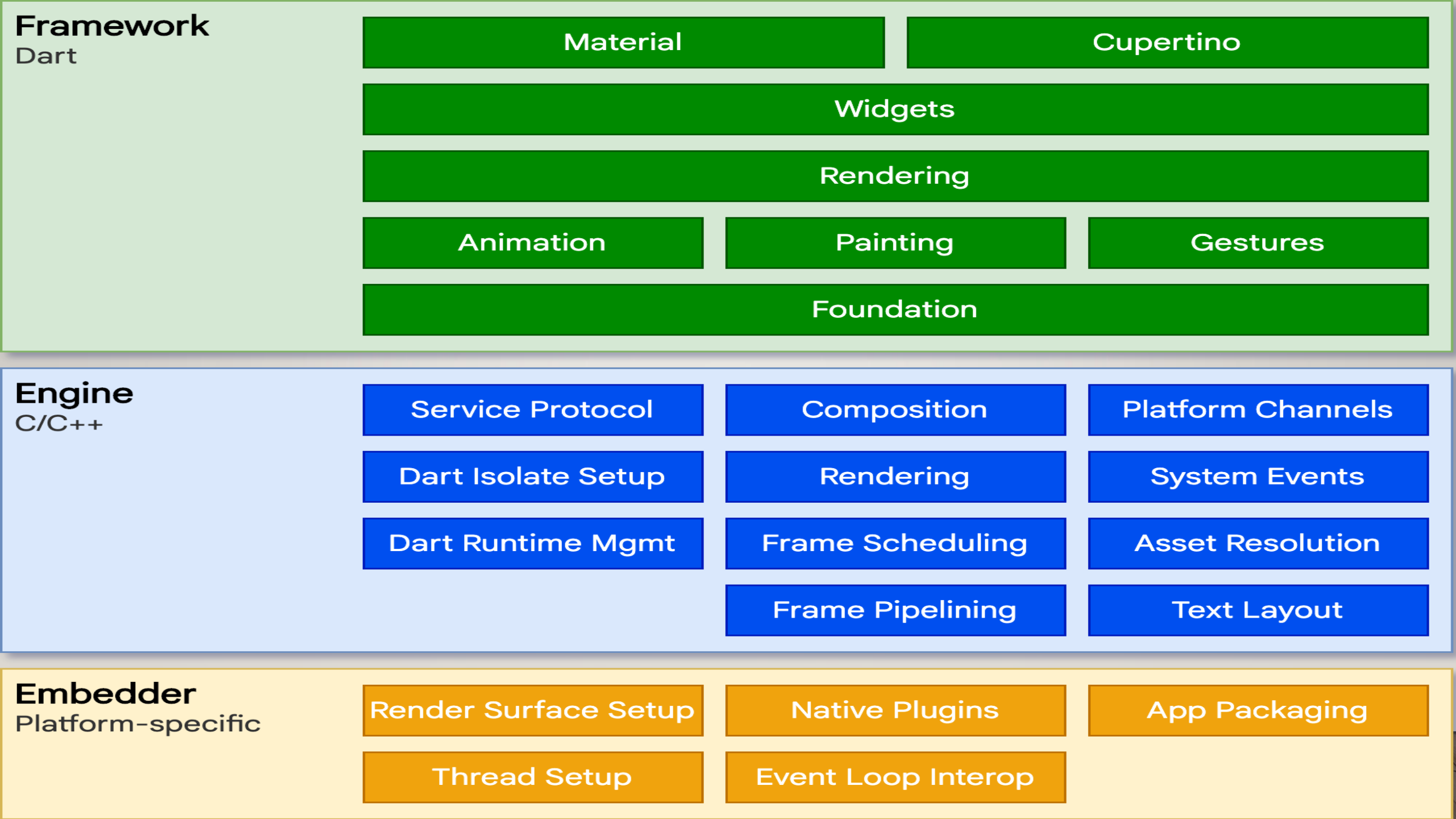
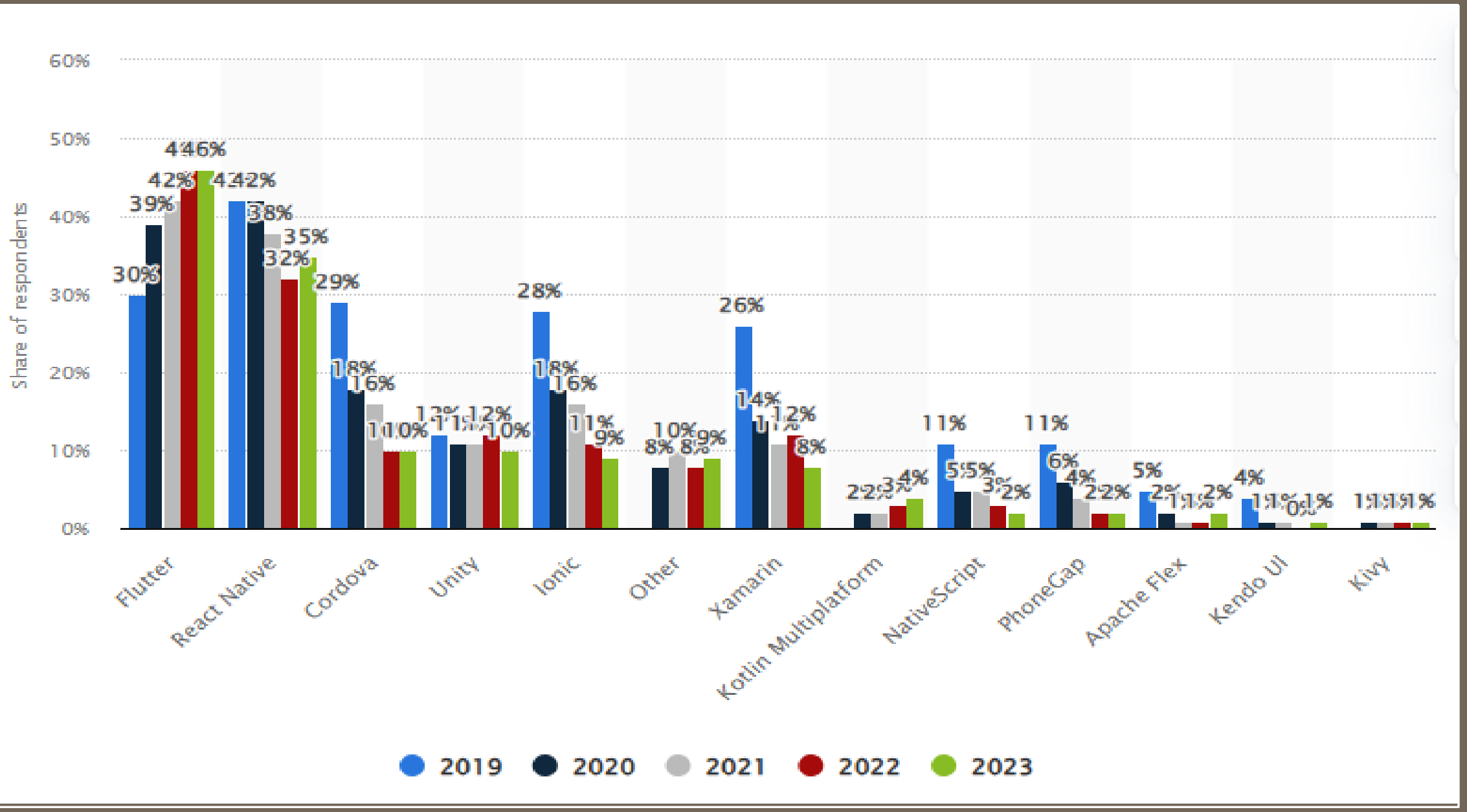
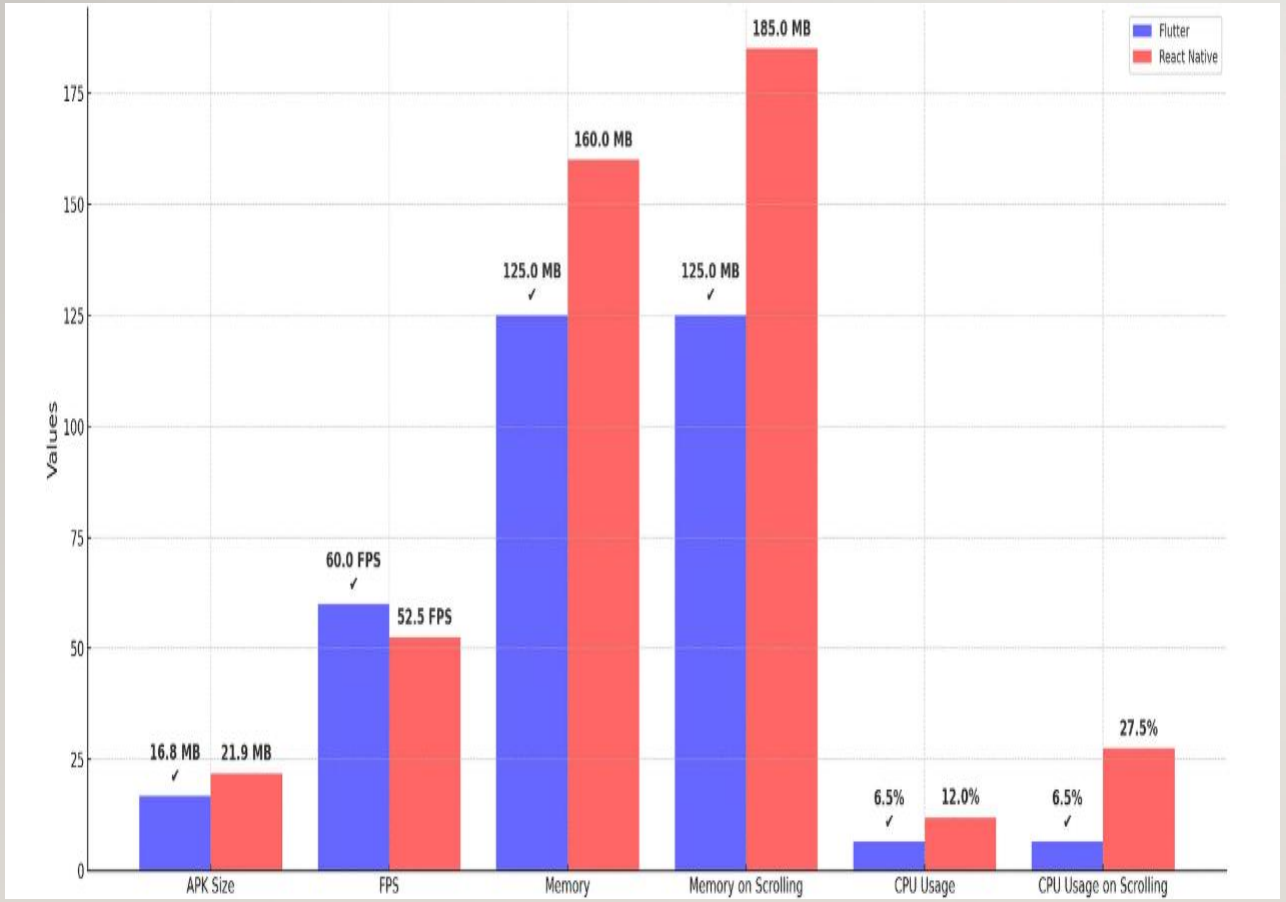
Flutter

Dhansha Bai Lakhwani

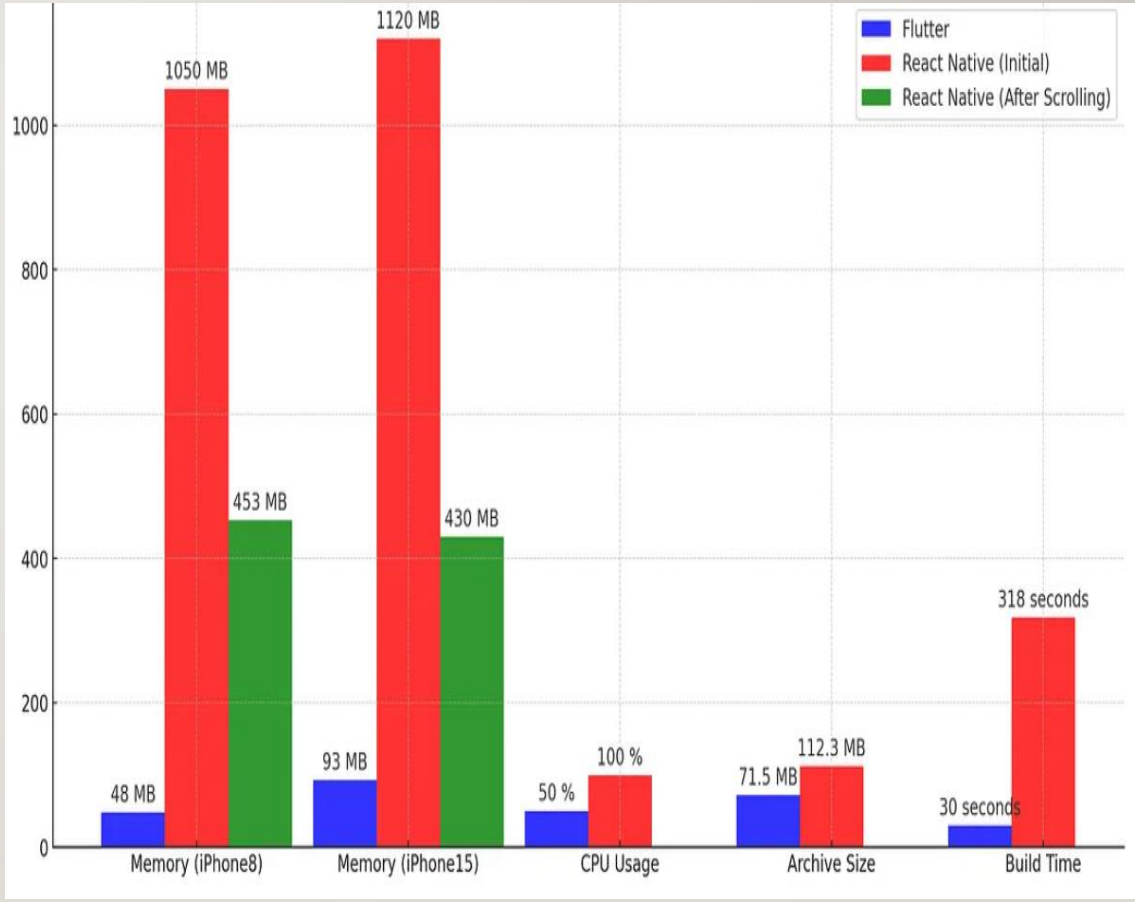

Framework
Dart
Material
Cupertino
Widgets
Rendering
Animation
Painting
Gestures
Foundation
Engine
C/C++
Service Protocol
Composition
Platform Channels
Dart Isolate Setup
Rendering
System Events
Dart Runtime Mgmt
Frame Scheduling
Asset Resolution
Frame Pipelining
Text Layout
Embedder
Platform-specific
Render Surface Setup
Native Plugins
App Packaging
Thread Setup
Event Loop Interop

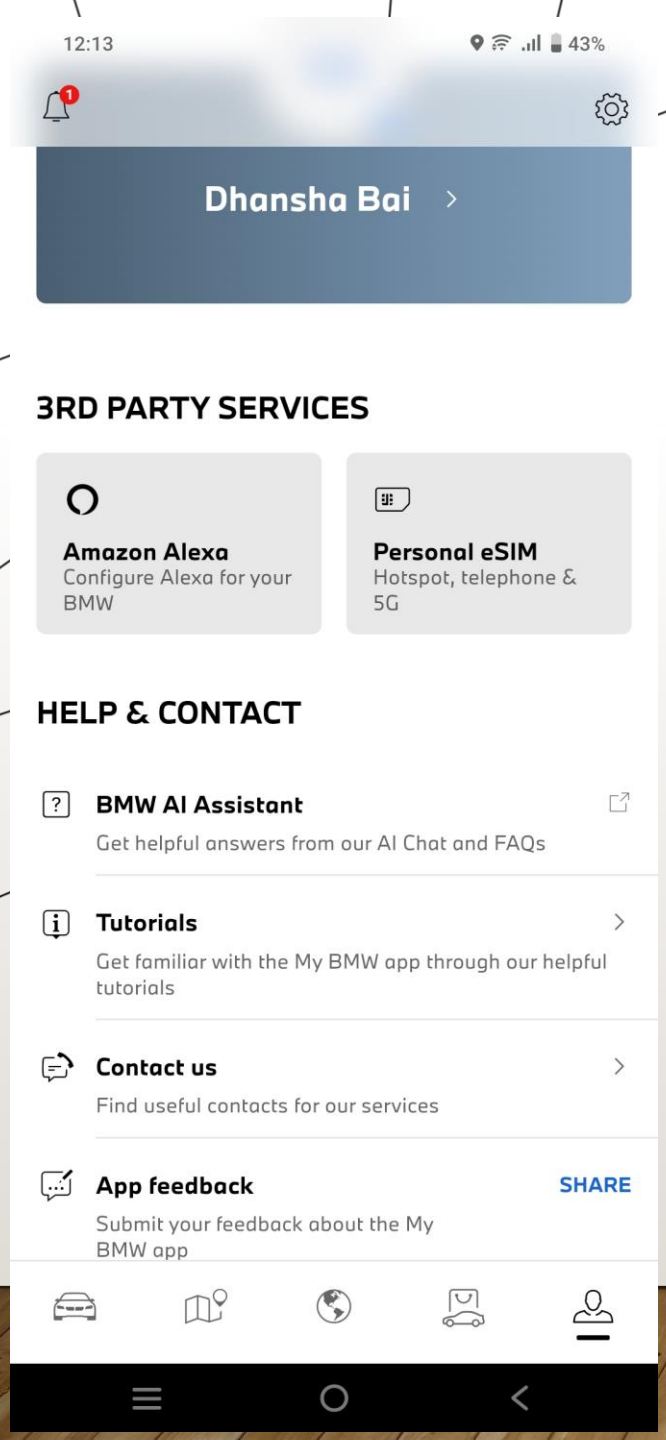

60%
50%
40%
30%
20%
10%
0%
Share of respondents
Flutter
React Native
Cordova
Unity
Ionic
Other
Xamarin
Kotlin Multiplatform
NativeScript
PhoneGap
Apache Flex
Kendo UI
Kivy
2019
2020
2021
2022
2023

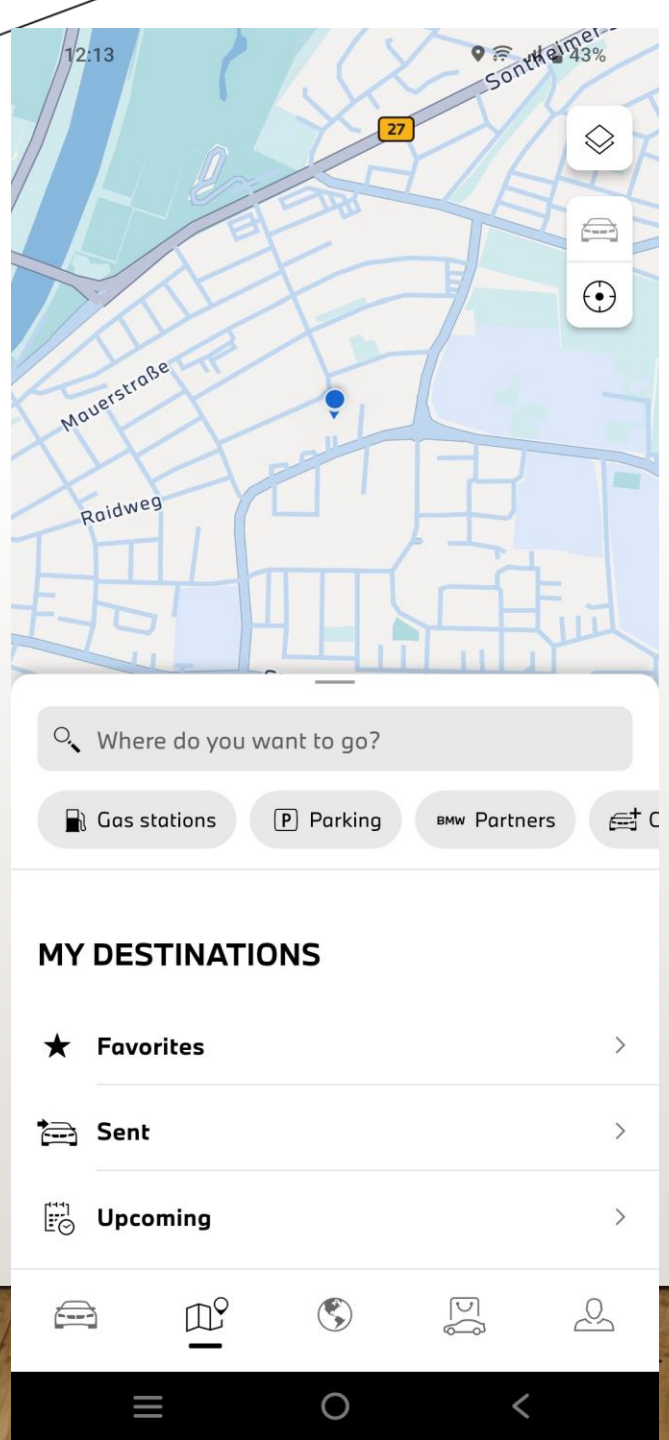
Android

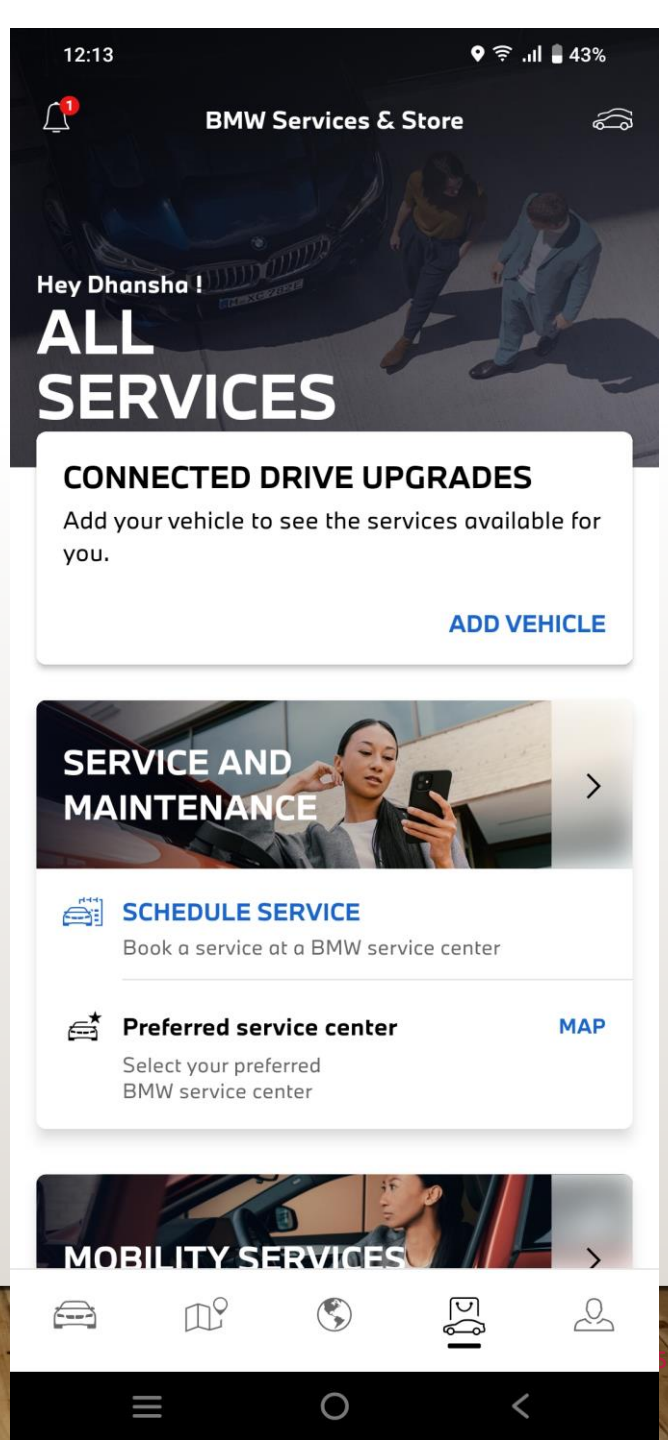

Flutter
React Native
Values
0
25
50
75
100
125
150
175
16.8 MB
21.9 MB
60.0 FPS
52.5 FPS
125.0 MB
160.0 MB
125.0 MB
185.0 MB
6.5%
12.0%
6.5%
27.5%
APK Size
FPS
Memory
Memory on Scrolling
CPU Usage
CPU Usage on Scrolling

IOS


Flutter
React Native (Initial)
React Native (After Scrolling)
0
200
400
600
800
1000
48 MB
1050 MB
453 MB
93 MB
1120 MB
430 MB
50 %
100 %
71.5 MB
112.3 MB
30 seconds
318 seconds
Memory (iPhone8)
Memory (iPhone15)
CPU Usage
Archive Size
Build Time


12:13
43%
Dhansha Bai
3RD PARTY SERVICES
Amazon Alexa
Configure Alexa for your BMW
Personal eSIM
Hotspot, telephone & 5G
HELP & CONTACT
BMW AI Assistant
Get helpful answers from our AI Chat and FAQs
Tutorials
Get familiar with the My BMW app through our helpful tutorials
Contact us
Find useful contacts for our services
App feedback
SHARE
Submit your feedback about the My BMW app


12:13
43%
27
Mauerstraße
Raidweg
Where do you want to go?
Gas stations
Parking
BMW Partners
MY DESTINATIONS
Favorites
Sent
Upcoming


12:13
43%
BMW Services & Store
Hey Dhansha !
ALL SERVICES
CONNECTED DRIVE UPGRADES
Add your vehicle to see the services available for you.
ADD VEHICLE
SERVICE AND MAINTENANCE
SCHEDULE SERVICE
Book a service at a BMW service center
Preferred service center
MAP
Select your preferred BMW service center
MOBILITY SERVICES

TOYOTA INFOTAINMENT SYSTEM.

Hot Reload

```
void main() => runApp(MyApp());

class MyApp extends StatelessWidget
  @override
  Widget build(BuildContext context
    return MaterialApp(
      home: Scaffold(
        body: Center(
          child: Text("Hello Flutte
        ),
      ),
    );
  }
}
```

Menti.com

Code: **6157 1757**

Thank you