Timestamp	How many year	What prese	Which progr	Do you apply	Do yoι	Do you	What netwo	How do you h	What dependency inject	Do you use Android A	How many years	c Do you appl
April 2020	5+	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH	RxJava	Dagger 2	Yes	5	1
April 2020	3	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH	RxJava	Dagger 2	No	3	1
April 2020	1	MVVM	Java	Who the had	Yes	Who th	Retrofit/OkH	AsyncTask	None	Yes	1	2
April 2020	2	MVVM	Kotlin	Maybe	Yes	Yes	Retrofit/OkH	RxJava	Koin	Yes	2	3
May 2020	4	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH	RxJava	Dagger 2	Yes	4	1
May 2020	5+	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH	RxJava	Dagger 2	Yes	5	1
May 2020	2	MVP	Kotlin	Maybe	Yes	No	Retrofit/OkH	Kotlin Corout	None	No	2	3
May 2020	1	MVC	Java	Maybe	Maybe	Maybe	None	RxJava	None	Yes	1	3
May 2020	5+	MVVM	Kotlin	Maybe	Yes	Maybe	Retrofit/OkH	RxJava	Dagger 2	Yes	5	3
May 2020	2	MVC	Java	No	Yes	No	Retrofit/OkH	RxJava	Dagger 2	Yes	2	0
May 2020	5+	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH	RxJava	Dagger 2	Yes	5	1
May 2020	3	MVVM	Kotlin	Maybe	Maybe	Maybe	Retrofit/OkH	RxJava	Dagger 2	Yes	3	3
May 2020	Less than a year	MVVM	Kotlin	Yes		Yes	None	AsyncTask	Dagger 2	Yes		1
May 2020	1	MVC	Java	No	What t	No	None	Other	What the hack is DI?	Maybe	1	0
May 2020	5+	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH	RxJava	Dagger 2	Yes	5	1
May 2020	3	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH	Kotlin Corout	Dagger 2	Yes	3	1
May 2020	2	MVVM	Kotlin	Yes		Yes		Kotlin Corout		Yes	2	1
May 2020	4	MVVM	Kotlin	Maybe		Maybe	Ktor	Kotlin Corout	None	Yes	4	0
May 2020	5+	MVVM	Kotlin	Yes		Yes	Apollo	RxJava	Dagger 2	Yes		1
May 2020	2	MVVM	Kotlin	Yes		Yes	Retrofit/OkH		Koin	Yes	2	1
May 2020	4	MVVM	Kotlin	Maybe				Kotlin Corout		Yes		2
May 2020	5+	MVVM	Kotlin	Maybe	Maybe	•	Apollo	RxJava	Dagger 2	Yes		2
May 2020	3	MVP	Kotlin	Yes		Yes	Retrofit/OkH		Dagger 2	Maybe		1
June 2020	1	MVVM	Java	Maybe			Retrofit/OkH		None	Yes		2
June 2020	Less than a year		Java	Maybe			Retrofit/OkH	-	None	Yes	0	2
June 2020	5+	MVVM	Kotlin	Yes	-	Yes	Retrofit/OkH	,	Dagger 2	Yes	5	1
June 2020	1	MVVM	Java	No		No		AsyncTask	None	Maybe	1	0
June 2020	3	MVP	Kotlin	Yes	Mavbe	Mavbe	Retrofit/OkH	•	Dagger 2	Yes	3	1
June 2020	2	MVVM	Kotlin	No	-	No	Retrofit/OkH		Dagger 2	Yes		0
June 2020	5+	MVP	Kotlin	Yes		Yes	Retrofit/OkH		Dagger 2	Yes	5	1
June 2020	4	MVP	Kotlin	Yes		Yes	Retrofit/OkH		Dagger 2	Maybe		. 1
June 2020	3		Java, Kotlin				Retrofit/OkH		Dagger 2, Koin	Yes		1
June 2020	4	MVP	Kotlin	Yes	-	Yes	Retrofit/OkH		Dagger 2	Yes		1
June 2020	5+	MVP, MVVN		Yes	Yes	Yes	Retrofit/OkH		Dagger 2	Yes		1
June 2020	5+		Java, Kotlin			Yes			Dagger 2, Koin	Yes		1
June 2020	3	MVVM	Kotlin	Yes		Yes	Retrofit/OkH		Dagger 2	Yes		1
September 2020	5+	MVVM	Kotlin	Yes		Yes			Dagger 2, Koin	Yes		1
September 2020	5+		Java, Kotlin			Yes		Kotlin Corout		Yes		1
September 2020	5+	MVVM	Java, Kotlin			No		RxJava, Kotli		Yes		0

Timestamp	- ,	What prese	Which progr	Do you apply	Do you	Do you	What netwoi How do you h	What dependency inject	Do you use Android A	How many years of	Do you app
September 2020	5+	MVP	Kotlin	Yes	Yes	Yes	Retrofit/OkH Kotlin Corout	Koin	No	5	1
September 2020	1	MVVM	Java	No	Yes	No	Retrofit/OkH AsyncTask	None	Yes	1	0
September 2020	4	MVVM, MV	Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava, Kotli	Dagger 2, Koin	Yes	4	1
September 2020	Less than a year	MVVM	Java, Kotlin	Maybe	Yes	Yes	Retrofit/OkH Kotlin Corout	None	Yes	0	2
September 2020	5+	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava, Kotli	Dagger 2	Yes	5	1
September 2020	2	MVP, MVVN	Java, Kotlin	Who the hac	Maybe	Who th	Retrofit/OkH AsyncTask	Dagger 2	Yes	2	3
September 2020	5+	MVVM	Kotlin	No	Yes	Maybe	Retrofit/OkH RxJava, Kotli	Dagger 2	Yes	5	0
September 2020	1	MVVM	Java, Kotlin	Yes	Yes	Maybe	Retrofit/OkH Kotlin Corout	Dagger 2, Koin, Hilt	Yes	1	1
September 2020	5+	MVVM	Kotlin	Maybe	Yes	Maybe	Retrofit/OkH RxJava	Dagger 2	Yes	5	2
September 2020	2	MVP, MVVN	Java, Kotlin	Maybe	Maybe	Maybe	Retrofit/OkH RxJava	None	Yes	2	2
September 2020	2	MVVM	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH Kotlin Corout	Dagger 2, Koin	Yes	2	1
September 2020	5+	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava, Kotli	Dagger 2	Yes	5	1
September 2020	4	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava	Dagger 2, Koin	Yes	4	1
September 2020	2	MVC, MVP	Java, Kotlin	No	What t	Maybe	Retrofit/OkH AsyncTask, K	Dagger 2, Koin	Yes	2	0
September 2020	5+	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH Kotlin Corout	Koin	Yes	5	1
September 2020	2	MVVM	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava, Kotli	Dagger 2	Yes	2	1
September 2020	3	MVP, MVVN	Java, Kotlin	Maybe	Yes	Yes	Retrofit/OkH Kotlin Corout	Dagger 2	Yes	3	2
September 2020	Less than a year	MVVM	Kotlin	Who the hac	Yes	Who th	Retrofit/OkH Kotlin Corout	Dagger 2	Yes	0	3
September 2020	Less than a year	MVVM	Java, Kotlin	Maybe	Maybe	Maybe	Retrofit/OkH Kotlin Corout	Dagger 2	Yes	0	2
September 2020	Less than a year	MVVM	Kotlin	Maybe	Yes	Maybe	Retrofit/OkH Kotlin Corout	Koin	Yes	0	2
September 2020	5+	REDUX	Java, Kotlin	Yes	Yes	Maybe	Retrofit/OkH RxJava, Kotli	Koin	Yes	5	1
September 2020	3	MVP	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava, Kotli	Dagger 2	Yes	3	1
September 2020	Less than a year	MVP, MVVN	Java, Kotlin	Maybe	Maybe	Yes	Retrofit/OkH RxJava, Kotli	Dagger 2	Yes	0	2
September 2020	4	MVVM	Java, Kotlin	Yes	Yes	Maybe	Retrofit/OkH Kotlin Corout	Dagger 2	Yes	4	1
September 2020	5+	MVP, MVVN	Kotlin	No	Yes	Yes	Retrofit/OkH Kotlin Corout	None	Yes	5	0
September 2020	5+	MVVM	Kotlin	Yes	No	No	Retrofit/OkH Kotlin Corout	Koin	Yes	5	1
September 2020	3	MVVM	Java, Kotlin	Yes	Maybe	Maybe	Retrofit/OkH Kotlin Corout	Koin	Yes	3	1
September 2020	5+	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH AsyncTask	None	Yes	5	1
September 2020	5+	MVVM	Kotlin	No	Maybe	No	Retrofit/OkH Kotlin Corout	None	Yes	5	0
September 2020	5+	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH Kotlin Corout	Kodein	Yes	5	1
September 2020	Less than a year	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH Kotlin Corout	Dagger 2, Koin	Yes	0	1
September 2020	5+	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava, Kotli	Dagger 2	Yes	5	1
September 2020	5+	MVVM	Kotlin	No	Yes	No	Retrofit/OkH RxJava, Kotli	Dagger 2	Yes	5	0
September 2020	5+	MVC, MVVI	Kotlin	Yes	Yes	Yes	Retrofit/OkH Kotlin Corout	Dagger 2	Yes	5	1
September 2020	1	MVVM	Java, Kotlin	Who the hac	Maybe	Who th	Retrofit/OkH AsyncTask, K	None	Yes	1	3
September 2020	1	MVP, MVVN	Kotlin	Maybe	Maybe	Yes	Retrofit/OkH RxJava, Kotli	None	Yes	1	2
September 2020	1	What are yo	Java	Who the hac	Yes	Who th	Retrofit/OkH AsyncTask	Dagger 2	Yes	1	3
September 2020	3	MVVM	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava	Dagger 2	Maybe	3	1
September 2020	2	What are yo	Java	Who the hac	What t	Who th	Retrofit/OkH AsyncTask	None	Yes	2	3

Timestamp	How many year	What prese	Which progr	Do you apply	Do you	Do you	What network	How do you h	What dependency inject	Do you use Android A	How many years of	Do you app
September 2020	5+	MVI	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH F	RxJava, Kotli	Dagger 2, Koin	Yes	5 1	1
September 2020	3	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH F	RxJava	Dagger 2	Yes	3 1	1
September 2020	3	MVP, MVVN	Java, Kotlin	Yes	Yes	Maybe	Retrofit/OkH F	RxJava	Koin	Yes	3 1	1
September 2020	5+	MVP, MVVN	Java, Kotlin	Yes	Maybe	Maybe	Retrofit/OkH k	Kotlin Corout	Dagger 2, Koin	Yes	5 1	1
September 2020	4	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH k	Kotlin Corout	Dagger 2, Koin	Yes	4 1	1
September 2020	4	MVP, MVVN	Java, Kotlin	Yes	Maybe	Maybe	Retrofit/OkH F	RxJava, Kotli	Dagger 2, Koin, Hilt	Yes	4 1	1
September 2020	3	MVVM	Kotlin	No	No	No	Retrofit/OkH k	Kotlin Corout	Koin	Yes	3 0)
September 2020	5+	MVVM	Kotlin	Maybe	Yes	Yes	Retrofit/OkH F	RxJava, Kotli	Dagger 2	Yes	5 2	2
September 2020	4	MVVM, VIP	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH F	RxJava, Kotli	Dagger 2, Koin	Yes	4 1	1
September 2020	5+	MVVM	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH k	Kotlin Corout	Hilt	Yes	5 1	
September 2020	2	MVVM	Kotlin	Maybe	Maybe	Yes	Retrofit/OkH k	Kotlin Corout	None	Yes	2 2	2
September 2020	4	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH F	RxJava	Dagger 2, Koin	Yes	4 1	
September 2020	5+	MVP, MVVN	Java, Kotlin	Maybe	Yes	Yes	Retrofit/OkH F	RxJava, Kotli	Koin	Yes	5 2	2
September 2020	4	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH F	RxJava, Kotli	Dagger 2, Koin	Yes	4 1	1
September 2020	Less than a year	MVVM	Java	Who the hac	Maybe	Who th	Retrofit/OkH A	AsyncTask	None	Yes	0 3	3
October 2020	3	MVVM	Java, Kotlin	No	No	No	Retrofit/OkH k	Kotlin Corout	Dagger 2	Yes	3 0)
October 2020	4	MVVM	Kotlin	No	Yes	No	Retrofit/OkH F	RxJava, Kotli	Dagger 2, Hilt	Yes	4 0)
October 2020	Less than a year	MVVM	Kotlin	Who the hac	Yes	Who th	Retrofit/OkH k	Kotlin Corout	Hilt	Yes	0 3	3
October 2020	1	MVVM	Kotlin	No	Yes	Yes	Retrofit/OkH k	Kotlin Corout	Dagger 2, Hilt	Yes	1 0)
October 2020	Less than a year	MVC, MVP,	Java, Kotlin	No	Yes	No	Retrofit/OkH A	AsyncTask, K	Dagger 2	Yes	0 0)
October 2020	5+	MVC, MVP,	Java, Kotlin	No	Yes	No	Retrofit/OkH k	Kotlin Corout	Dagger 2	Yes	5 0)
October 2020	5+	MVVM	Java, Kotlin	No	Maybe	Maybe	Retrofit/OkH F	RxJava	Dagger 2	Maybe	5 0)
October 2020	Less than a year	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH k	Kotlin Corout	Dagger 2	Yes	0 1	I
October 2020	2	MVVM	Kotlin	Maybe	Maybe	No	Retrofit/OkH k	Kotlin Corout	None	Yes	2 2	2
October 2020	5+	MVC, MVP,	Java	Who the hac	Yes	Who th	Retrofit/OkH F	RxJava	Dagger 2	No	5 3	3
October 2020	Less than a year	MVC	Java	Who the hac	Maybe	Who th	Volley C	Other	What the hack is DI?	No	0 3	3
October 2020		VIPER	Kotlin	No	Yes	No	Retrofit/OkH k	Kotlin Corout	Koin	Yes	3 0)
October 2020	5+	MVVM	Java, Kotlin	Who the hac	Maybe	Who th	Retrofit/OkH A	AsyncTask, K	Dagger 2	Yes	5 3	3
October 2020	2	MVVM	Kotlin	No	No		Retrofit/OkH k			Yes	2 0)
October 2020	5+	VIPER	Kotlin	Yes	Maybe	Yes	Apollo F	RxJava	Dagger 2	No	5 1	1
October 2020	Less than a yea	What are yo	Java	Maybe	Yes	Maybe	Retrofit/OkH A	AsyncTask	None	Yes	0 2	2
October 2020	1	MVP, MVVN	Kotlin	Maybe	Maybe	Maybe	Retrofit/OkH k	Kotlin Corout	Dagger 2	Yes	1 2	2
October 2020	Less than a yea	MVVM	Kotlin	Maybe	Yes	Yes	Retrofit/OkH k	Kotlin Corout	Dagger 2	Yes	0 2	2
October 2020	,	MVC	Java	Yes	No	Yes		AsyncTask		Yes	2 1	1
October 2020		MVVM	Java, Kotlin				Retrofit/OkH k	•		Yes	1 2	
November 2020	Less than a yea			Who the hac	-				None	No	0 3	3
November 2020	•						Retrofit/OkH A		None	Yes	1 3	
November 2020		MVVM	Kotlin	Yes		Yes	Retrofit/OkH F	•	Dagger 2, Kodein	Yes	2 1	
November 2020			Java, Kotlin		Maybe		Retrofit/OkH F			Yes	5 1	

Timestamp	How many year	What prese	Which progr	Do you apply	Do you	Do you	What networ How do you l	What dependency inject	Do you use Android A	How many years o	Do you app
November 2020	5+	MVVM	Kotlin	Yes	Maybe	Maybe	Retrofit/OkH RxJava	Dagger 2	Yes	5	1
November 2020	5+	MVC, MVVI	Java, Kotlin	Maybe	What t	Yes	Retrofit/OkH RxJava	None	Maybe	5	2
November 2020	5+	MVI	Kotlin	Maybe	Maybe	Maybe	Retrofit/OkH Kotlin Corout	Dagger 2, Hilt	Yes	5	2
November 2020	5+	MVP, MVVN	Java, Kotlin	Yes	Maybe	Yes	Retrofit/OkH RxJava, Kotl	Dagger 2	Yes	5	1
November 2020	4	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava, Kotl	Dagger 2, Hilt	Yes	4	1
November 2020	2	MVI	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH Other	Dagger 2	Yes	2	1
November 2020	5+	MVI	Kotlin	No	Yes	Maybe	Retrofit/OkH RxJava	Toothpic	No	5	0
November 2020	5+	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava	Dagger 2	No	5	1
November 2020	1	MVP	Kotlin	No	Yes	No	Retrofit/OkH Kotlin Corout	Dagger 2, Koin	No	1	0
November 2020	4	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava, Kotl	Dagger 2, Koin	Yes	4	1
November 2020	5+	MVC, MVP,	Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava, Kotl	Dagger 2	Yes	5	1
November 2020	2	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH AsyncTask, k	Koin	Yes	2	1
November 2020	Less than a year	MVVM	Java	Maybe	Yes	Maybe	Retrofit/OkH RxJava	Dagger 2	Yes	0	2
November 2020	3	MVP	Java	Yes	Yes	Yes	Retrofit/OkH RxJava	Dagger 2	Yes	3	1
November 2020	Less than a year	MVVM	Java, Kotlin	Who the hac	Maybe	Who th	Retrofit/OkH AsyncTask, k	Dagger 2, Koin	Yes	0	3
November 2020	1	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava	Dagger 2, Hilt	Yes	1	1
November 2020	1	MVVM	Kotlin	No	No	No	Firebase Other	What the hack is DI?	Yes	1	0
November 2020	5+	MVP, MVVN	Java, Kotlin	Maybe	Yes	Yes	Retrofit/OkH Kotlin Corout	Dagger 2	Yes	5	2
November 2020	3	MVC, MVVI	Java, Kotlin	No	No	Maybe	Retrofit/OkH AsyncTask	None	Yes	3	0
November 2020	2	MVVM, VIP	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava, Kotl	None	Yes	2	1
November 2020	1	What are yo	Java	Who the hac	What t	Who th	Firebase AsyncTask	What the hack is DI?	No	1	3
November 2020	Less than a year	What are yo	Java	Who the hac	What t	Who th	Retrofit/OkH AsyncTask	What the hack is DI?	Maybe	0	3
November 2020	5+	MVI	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH Kotlin Corout	Hilt	Yes	5	1
March 2021	5+	MVVM, MV	Kotlin	Maybe	Yes	Yes	Retrofit/OkH Kotlin Corout	Dagger 2, Koin, Hilt	Yes	5	2
March 2021	5+	MVP, MVVN	Kotlin	Yes	No	No	Retrofit/OkH RxJava, Kotl	Dagger 2, Koin	Maybe	5	1
March 2021	4	MVVM	Kotlin	Yes	Yes	Yes	None Other	Dagger 2	Yes	4	1
March 2021	5+	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH RxJava, Kotl	Dagger 2	Yes	5	1
March 2021	5+	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH Kotlin Corout	Dagger 2, Hilt	Yes	5	1
March 2021	5+	MVVM	Kotlin	Who the hac	What t	Who th	Retrofit/OkH Kotlin Corout	Koin	Yes	5	3
March 2021	5+	MVVM	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH AsyncTask, F	Dagger 2	Yes	5	1
March 2021	5+	MVP, MVVN	Java, Kotlin	Yes	Yes	Yes	Retrofit/OkH Kotlin Corout	Dagger 2, Koin	Yes	5	1
March 2021	5+	MVP, MVVN	Java, Kotlin	Maybe	Yes	Yes	Retrofit/OkH RxJava, Kotl	Dagger 2, Koin, Hilt	Yes	5	2
March 2021	5+	MVVM	Kotlin	Maybe	Yes	Yes	Retrofit/OkH RxJava, Kotl	Dagger 2	Yes	5	2
March 2021	3	MVC, MVP,	Java, Kotlin	Yes	Yes	Maybe	Retrofit/OkH AsyncTask, k	Dagger 2	Yes	3	1
March 2021	5+	MVC	Java, Kotlin	Maybe	No	No	Retrofit/OkH Kotlin Corout	None	Yes	5	2
March 2021	1	MVP, MVVN	Java, Kotlin	Maybe	Yes	Maybe	Retrofit/OkH Kotlin Corout	Dagger 2, Koin	Yes	1	2
March 2021	4	MVC, MVP,	Java, Kotlin	Maybe	Maybe	Maybe	Retrofit/OkH AsyncTask, F	Dagger 2, Hilt	Yes	4	2
March 2021	4	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH Kotlin Corout	Hilt	Yes	4	1
March 2021	4	MVP. MVVN	Java, Kotlin	Maybe	Yes	Yes	Retrofit/OkH RxJava	Dagger 2	No	4	2

Timestamp	How many year	What preser	Which progr	Do you apply	Do you	Do you	What netwo	How do you l	What dependency inject	Do you use Android A	How many years o	Do you apply
March 2021	5+	MVC, MVP	Java, Kotlin	Who the hac	What t	Who the	Retrofit/OkH	AsyncTask, k	Dagger 2	Yes	5	3
March 2021	5+	MVVM	Kotlin	Yes	Yes	Yes	Retrofit/OkH	RxJava, Kotli	i Dagger 2, Hilt	Yes	5	1
March 2021	Less than a year	MVVM	Kotlin	No	No	No	Retrofit/OkH	Kotlin Corout	Koin	Yes	0	0
March 2021	5+	MVP	Java	No	Maybe	Maybe	Retrofit/OkH	RxJava	Dagger 2	Maybe	5	0