


firebase.google.com/?authuser=3

Build Run Solutions Pricing More Search / English Blog Studio **Go to console**

 **Get direct access to Gemini 3 Pro preview with Firebase AI Logic** [Learn more](#)

Gemini 3, our most intelligent model that helps you bring any idea to life, is now available for mobile and web developers to use through Firebase AI Logic client SDKs!

Make your app the best it can be with Firebase and generative AI

Prototype, build & run modern, AI-powered experiences

× Create a project

Let's start with a name for
your project[®]

Project name

nameproject

nameproject-d9c6c

ritgoa.ac.in

☒ Join the [Google Developer Program](#) to enrich your developer journey with access to AI assistance, learning resources, profile badges, and more!

Already have a Google Cloud project?
[Add Firebase to Google Cloud project](#)

Continue



× Create a project

Google Analytics for your Firebase project

Google Analytics is a free and unlimited analytics solution that enables targeting, reporting, and more in Firebase Crashlytics, Cloud Messaging, In-App Messaging, Remote Config, A/B Testing, and Cloud Functions.

Google Analytics enables:

- × A/B testing ⓘ
- × Breadcrumb logs in Crashlytics ⓘ
- × User segmentation & targeting across Firebase products ⓘ
- × Event-based Cloud Functions triggers ⓘ
- × Free unlimited reporting ⓘ

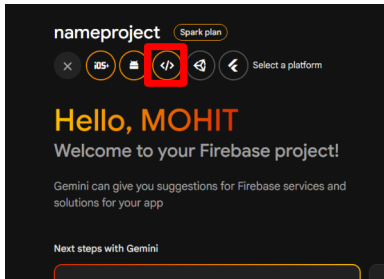
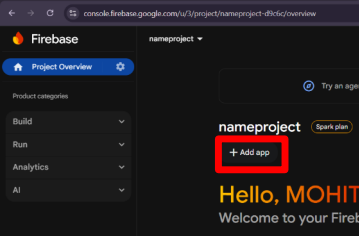
☐ Enable Google Analytics for this project
Recommended

<- Disable it

Previous

Create project





✕ Add Firebase to your web app

1 Register app

App nickname ⓘ

nameproject

☐ Also set up **Firebase Hosting** for this app. [Learn more](#) ⓘ

Hosting can also be set up later. There is no cost to get started anytime.

Register app

2 Add Firebase SDK

Copy
this
part->

☒ Use npm ☐ Use a <script> tag

If you're already using [npm](#) ⓘ and a module bundler such as [webpack](#) ⓘ or [Rollup](#) ⓘ, you can run the following command to install the latest SDK ([Learn more](#) ⓘ):

```
$ npm install firebase
```

Then, initialize Firebase and begin using the SDKs for the products you'd like to use.

```
// Import the functions you need from the SDKs you need
import { initializeApp } from "firebase/app";
// TODO: Add SDKs for Firebase products that you want to use
// https://firebase.google.com/docs/web/setup#available-libraries

// Your web app's Firebase configuration
const firebaseConfig = {
  apiKey: "AIzaSyS78FTT12AJozuNYxTZZjT4L8foehAqavk",
  authDomain: "nameproject-d9c6c.firebaseio.com",
  projectId: "nameproject-d9c6c",
  storageBucket: "nameproject-d9c6c.firebaseio.com",
  messagingSenderId: "1074487920474",
  appId: "1:1074487920474:web:e16c816dccc1a244bfd5563"
};

// Initialize Firebase
const app = initializeApp(firebaseConfig);
```

Note: This option uses the [modular JavaScript SDK](#) ⓘ, which provides reduced SDK size.

Learn more about Firebase for web: [Get Started](#) ⓘ, [Web SDK API Reference](#) ⓘ, [Samples](#) ⓘ

Continue to console

```
17 // --- FIREBASE CONFIGURATION ---
18 // 1. REPLACE THIS OBJECT WITH YOUR ACTUAL CONFIG FROM FIREBASE CONSOLE
19 const firebaseConfig = {
20   apiKey: "YOUR_API_KEY",
21   authDomain: "YOUR_PROJECT_ID.firebaseio.com",
22   projectId: "YOUR_PROJECT_ID",
23   storageBucket: "YOUR_PROJECT_ID.firebaseio.com",
24   messagingSenderId: "YOUR_SENDER_ID",
25   appId: "YOUR_APP_ID"
26 };
27
28 // Initialize Firebase
29 const app = initializeApp(firebaseConfig);
30 const db = getFirestore(app);
```

<- Replace this
part with
copied one

```
// Import the functions you need from the firebase SDK
import { initializeApp } from "firebase/app";
// TODO: Add SDKs for Firebase products that you want to use
// https://firebase.google.com/docs/web/setup#available-libraries

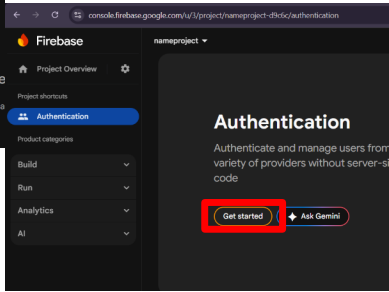
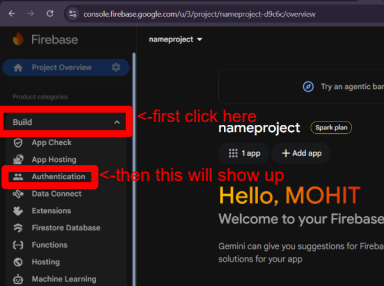
// Your web app's Firebase configuration
const firebaseConfig = {
  apiKey: "AIzaSyB7BFTTL2AJoZuNYxTZZjT4L",
  authDomain: "nameproject-d9c6c.firebaseio.com",
  projectId: "nameproject-d9c6c",
  storageBucket: "nameproject-d9c6c.firebaseio.com",
  messagingSenderId: "1874487928474",
  appId: "1:1874487928474:web:e16c816dccc"
};

// Initialize Firebase
const app = initializeApp(firebaseConfig);
```

Note: This option uses the [modular JavaScript SDK](#) (2), which is recommended for new projects.

Learn more about Firebase for web: [Get Started](#) (2), [Web SDK](#) (2)

Continue to console



Authentication

Users Sign-in method Templates Usage Settings Extensions

Sign-in providers

Get started with Firebase Auth by adding your first sign-in method

Native providers

Email/Password

Phone

Anonymous

Additional providers

Google

Game Center

Microsoft

Facebook

Apple

Sign-in providers

Email/Password

Enable

Allow users to sign up using their email address and password. Our SDKs also provide email address verification, password recovery, and email address change primitives. [Learn more](#)

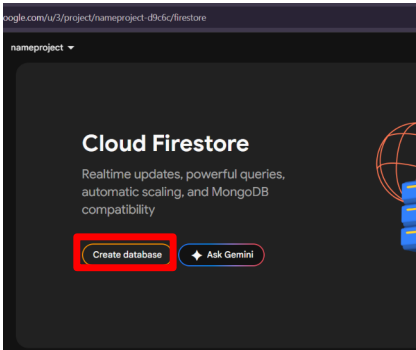
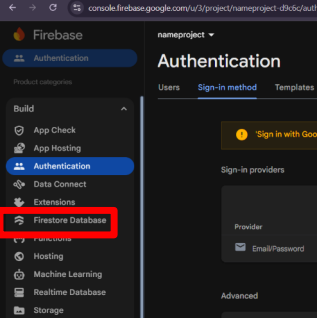
Email link (passwordless sign-in)

Enable

Cancel

Save

turn this on



1 Select edition

☒ Standard edition

Simple query engine with automatic indexing

Supports Core operations

Not sure which edition is right for you? [Compare editions](#)

Next

2 Database ID & location

3 Configure

1 Select edition

2 Database ID & location

Database ID

(default)

Location

asia-south1 (Mumbai)

ⓘ Your location setting is where your Cloud Firestore data will be stored

⚠ After you set this location, you cannot change it later.

Next

3 Configure

Database ID & location

3 Configure

After you define your data structure, you can choose to start in production mode or test mode.

☐ Start in production mode

Your data is private by default. Client read/write access will only be granted as specified by your security rules.

☒ Start in test mode

Your data is open by default to enable quick setup. However, you must update your security rules within 30 days to enable long-term client read/write access.

Cancel Create

Database

[Add database](#)[◆ Ask Gemini about the core concepts to use Firestore](#)[Data](#) [Rules](#) [Indexes](#) [Disaster Recovery](#) [Usage](#) | [Extensions](#)[🔔 New in Cloud Firestore](#)

Protect your Cloud Firestore resources from abuse, such as billing fraud or phishing

[Configure App Check](#)[Panel view](#)[Query builder](#)[More in Google Cloud](#) ▾

(default)

[+ Start collection](#)

```
name@project: /App.tsx > App > useEffect() callback
41 export default function App() {
66   const handleAuth = async () => {
77   }
78 };
79
80 const handleLogout = async () => {
81   await signOut(auth);
82 };
83
84 const fetchCars = async () => {
85   setLoadingData(true);
86   try {
87     const querySnapshot = await getDocs(collection(db, 'cars'));
88     const fetchedCars: CarItem[] = [];
89     querySnapshot.forEach((doc) => {
90       const data = doc.data();
91       fetchedCars.push({
92         id: doc.id,
93         name: data.name,
94         description: data.description,
95         imageUrl: data.imageUrl,
96       });
97     });
98   } catch (error) {
99     console.error('Error fetching cars: ', error);
100   }
101 }
102
103 // ...
104
105 // ...
106
107 // ...
108
109 // ...
110
111 // ...
112
113 // ...
114
115 // ...
116
117 // ...
118
119 // ...
120
121 // ...
122
123 // ...
124
125 // ...
126
127 // ...
128
129 // ...
130
131 // ...
132
133 // ...
134
135 // ...
136
137 // ...
138
139 // ...
140
141 // ...
142
143 // ...
144
145 // ...
146
147 // ...
148
149 // ...
150
151 // ...
152
153 // ...
154
155 // ...
156
157 // ...
158
159 // ...
160
161 // ...
162
163 // ...
164
165 // ...
166
167 // ...
168
169 // ...
170
171 // ...
172
173 // ...
174
175 // ...
176
177 // ...
178
179 // ...
180
181 // ...
182
183 // ...
184
185 // ...
186
187 // ...
188
189 // ...
190
191 // ...
192
193 // ...
194
195 // ...
196
197 // ...
198
199 // ...
200
201 // ...
202
203 // ...
204
205 // ...
206
207 // ...
208
209 // ...
210
211 // ...
212
213 // ...
214
215 // ...
216
217 // ...
218
219 // ...
220
221 // ...
222
223 // ...
224
225 // ...
226
227 // ...
228
229 // ...
230
231 // ...
232
233 // ...
234
235 // ...
236
237 // ...
238
239 // ...
240
241 // ...
242
243 // ...
244
245 // ...
246
247 // ...
248
249 // ...
250
251 // ...
252
253 // ...
254
255 // ...
256
257 // ...
258
259 // ...
260
261 // ...
262
263 // ...
264
265 // ...
266
267 // ...
268
269 // ...
270
271 // ...
272
273 // ...
274
275 // ...
276
277 // ...
278
279 // ...
280
281 // ...
282
283 // ...
284
285 // ...
286
287 // ...
288
289 // ...
290
291 // ...
292
293 // ...
294
295 // ...
296
297 // ...
298
299 // ...
300
301 // ...
302
303 // ...
304
305 // ...
306
307 // ...
308
309 // ...
310
311 // ...
312
313 // ...
314
315 // ...
316
317 // ...
318
319 // ...
320
321 // ...
322
323 // ...
324
325 // ...
326
327 // ...
328
329 // ...
330
331 // ...
332
333 // ...
334
335 // ...
336
337 // ...
338
339 // ...
340
341 // ...
342
343 // ...
344
345 // ...
346
347 // ...
348
349 // ...
350
351 // ...
352
353 // ...
354
355 // ...
356
357 // ...
358
359 // ...
360
361 // ...
362
363 // ...
364
365 // ...
366
367 // ...
368
369 // ...
370
371 // ...
372
373 // ...
374
375 // ...
376
377 // ...
378
379 // ...
380
381 // ...
382
383 // ...
384
385 // ...
386
387 // ...
388
389 // ...
390
391 // ...
392
393 // ...
394
395 // ...
396
397 // ...
398
399 // ...
400
401 // ...
402
403 // ...
404
405 // ...
406
407 // ...
408
409 // ...
410
411 // ...
412
413 // ...
414
415 // ...
416
417 // ...
418
419 // ...
420
421 // ...
422
423 // ...
424
425 // ...
426
427 // ...
428
429 // ...
430
431 // ...
432
433 // ...
434
435 // ...
436
437 // ...
438
439 // ...
440
441 // ...
442
443 // ...
444
445 // ...
446
447 // ...
448
449 // ...
450
451 // ...
452
453 // ...
454
455 // ...
456
457 // ...
458
459 // ...
460
461 // ...
462
463 // ...
464
465 // ...
466
467 // ...
468
469 // ...
470
471 // ...
472
473 // ...
474
475 // ...
476
477 // ...
478
479 // ...
480
481 // ...
482
483 // ...
484
485 // ...
486
487 // ...
488
489 // ...
490
491 // ...
492
493 // ...
494
495 // ...
496
497 // ...
498
499 // ...
500
501 // ...
502
503 // ...
504
505 // ...
506
507 // ...
508
509 // ...
510
511 // ...
512
513 // ...
514
515 // ...
516
517 // ...
518
519 // ...
520
521 // ...
522
523 // ...
524
525 // ...
526
527 // ...
528
529 // ...
530
531 // ...
532
533 // ...
534
535 // ...
536
537 // ...
538
539 // ...
540
541 // ...
542
543 // ...
544
545 // ...
546
547 // ...
548
549 // ...
550
551 // ...
552
553 // ...
554
555 // ...
556
557 // ...
558
559 // ...
560
561 // ...
562
563 // ...
564
565 // ...
566
567 // ...
568
569 // ...
570
571 // ...
572
573 // ...
574
575 // ...
576
577 // ...
578
579 // ...
580
581 // ...
582
583 // ...
584
585 // ...
586
587 // ...
588
589 // ...
590
591 // ...
592
593 // ...
594
595 // ...
596
597 // ...
598
599 // ...
600
601 // ...
602
603 // ...
604
605 // ...
606
607 // ...
608
609 // ...
610
611 // ...
612
613 // ...
614
615 // ...
616
617 // ...
618
619 // ...
620
621 // ...
622
623 // ...
624
625 // ...
626
627 // ...
628
629 // ...
630
631 // ...
632
633 // ...
634
635 // ...
636
637 // ...
638
639 // ...
640
641 // ...
642
643 // ...
644
645 // ...
646
647 // ...
648
649 // ...
650
651 // ...
652
653 // ...
654
655 // ...
656
657 // ...
658
659 // ...
660
661 // ...
662
663 // ...
664
665 // ...
666
667 // ...
668
669 // ...
670
671 // ...
672
673 // ...
674
675 // ...
676
677 // ...
678
679 // ...
680
681 // ...
682
683 // ...
684
685 // ...
686
687 // ...
688
689 // ...
690
691 // ...
692
693 // ...
694
695 // ...
696
697 // ...
698
699 // ...
700
701 // ...
702
703 // ...
704
705 // ...
706
707 // ...
708
709 // ...
710
711 // ...
712
713 // ...
714
715 // ...
716
717 // ...
718
719 // ...
720
721 // ...
722
723 // ...
724
725 // ...
726
727 // ...
728
729 // ...
730
731 // ...
732
733 // ...
734
735 // ...
736
737 // ...
738
739 // ...
740
741 // ...
742
743 // ...
744
745 // ...
746
747 // ...
748
749 // ...
750
751 // ...
752
753 // ...
754
755 // ...
756
757 // ...
758
759 // ...
760
761 // ...
762
763 // ...
764
765 // ...
766
767 // ...
768
769 // ...
770
771 // ...
772
773 // ...
774
775 // ...
776
777 // ...
778
779 // ...
780
781 // ...
782
783 // ...
784
785 // ...
786
787 // ...
788
789 // ...
790
791 // ...
792
793 // ...
794
795 // ...
796
797 // ...
798
799 // ...
800
801 // ...
802
803 // ...
804
805 // ...
806
807 // ...
808
809 // ...
810
811 // ...
812
813 // ...
814
815 // ...
816
817 // ...
818
819 // ...
820
821 // ...
822
823 // ...
824
825 // ...
826
827 // ...
828
829 // ...
830
831 // ...
832
833 // ...
834
835 // ...
836
837 // ...
838
839 // ...
840
841 // ...
842
843 // ...
844
845 // ...
846
847 // ...
848
849 // ...
850
851 // ...
852
853 // ...
854
855 // ...
856
857 // ...
858
859 // ...
860
861 // ...
862
863 // ...
864
865 // ...
866
867 // ...
868
869 // ...
870
871 // ...
872
873 // ...
874
875 // ...
876
877 // ...
878
879 // ...
880
881 // ...
882
883 // ...
884
885 // ...
886
887 // ...
888
889 // ...
890
891 // ...
892
893 // ...
894
895 // ...
896
897 // ...
898
899 // ...
900
901 // ...
902
903 // ...
904
905 // ...
906
907 // ...
908
909 // ...
910
911 // ...
912
913 // ...
914
915 // ...
916
917 // ...
918
919 // ...
920
921 // ...
922
923 // ...
924
925 // ...
926
927 // ...
928
929 // ...
930
931 // ...
932
933 // ...
934
935 // ...
936
937 // ...
938
939 // ...
940
941 // ...
942
943 // ...
944
945 // ...
946
947 // ...
948
949 // ...
950
951 // ...
952
953 // ...
954
955 // ...
956
957 // ...
958
959 // ...
960
961 // ...
962
963 // ...
964
965 // ...
966
967 // ...
968
969 // ...
970
971 // ...
972
973 // ...
974
975 // ...
976
977 // ...
978
979 // ...
980
981 // ...
982
983 // ...
984
985 // ...
986
987 // ...
988
989 // ...
990
991 // ...
992
993 // ...
994
995 // ...
996
997 // ...
998
999 // ...
1000
```

it should be same!

Start a collection

- 1 Give the collection an ID
- 2 Add its first document

Parent path

/

Collection ID ⓘ

cars

Cancel

Next

Parent path
/cars

Document ID ?

! Required

Auto-ID

Document ID ?

dkDh1CdGqyLUh68vI93E

Field

Type

name

= string

String

Tesla

+ Add field

Field

Type

description

= string

String

redd

Field

Type

imageUrl

= string

String

https://4kwallpapers.com/images/walls/thumbs_3t/22876.jpeg

<-add any pic link
you can find on
internet

+ Add field

Cancel

Save

tesla

Get Unsplash+

Log in

Submit an image

Photos 36

Illustrations 27

More

Clear

License

Square

Sort by Relevance

Tesla

Tesla Car

Tesla Logo

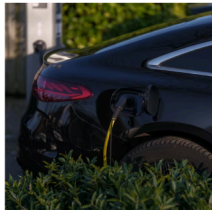
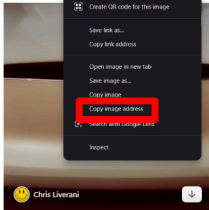
Car

Elon Musk

Model Y

Electric Car

Cybertruck



Chris Liverani



Add a document

Parent path

/cars

description

= string



String

tesla red

Field

Type

imageUrl

= string



String

https://4kwallpapers.com/images/walls/thumbs_3t/2876.jpeg

Field

Type

Value

price

number

100000



+ Add field

Cancel

Save



Protect your Cloud Firestore resources from abuse, such as billing fraud or phishing

[Configure App Check](#)

Panel view

[Query builder](#)

> cars > dkDh1CdGqvLU...

[More in Google Cloud](#)

(default)



cars



dkDh1CdGqvLUh68vI93E



+ Start collection

+ Add document

+ Start collection

cars



dkDh1CdGqvLUh68vI93E



+ Add field

description: "This is description for the tesla"

imageUrl: "https://static-assets.tesla.com/configurator/compositor?

context=design_studio_2?

&bkba_opt=1&view=STUD_3QTR&size=600&model=my&options

name: "Tesla"

then click on "Auto ID" and
repeat the process 4 times
note: fill

"name" "description" "imageUrl" "price"