

S. 1: Analyzed Apps by Category

Table 1: 312 analyzed apps by category, as provided by the Google Play Store.

Category	App
Art & Design	Adobe Photoshop Sketch
Art & Design	Adobe Spark Post: Graphic Design & Story Templates
Art & Design	Canva: Graphic Design, Video Collage, Logo Maker
Art & Design	Doodle Master - Glow Art
Art & Design	Flipaclip: Cartoon Animation Creator & Art Studio
Art & Design	Floor Plan Creator
Art & Design	MediBang Paint - Make Art !
Art & Design	PENUP - Share your drawings
Art & Design	Tattoo Maker
Auto & Vehicles	Autolist - Used Cars and Trucks for Sale
Auto & Vehicles	CarMax – Cars for Sale: Search Used Car Inventory
Auto & Vehicles	Cars.com – Shop New & Used Cars & Trucks For Sale
Auto & Vehicles	DMV Permit Practice Test Genie: Driving & CDL Prep
Auto & Vehicles	Drivvo – Car management, Fuel log, Find Cheap Gas
Auto & Vehicles	OBD Auto Doctor - ELM327 & OBD2 car scanner tool
Auto & Vehicles	PayByPhone
Auto & Vehicles	aCar - Car Management, Mileage
Beauty	Beauty Camera - Selfie Camera
Beauty	Crown Heart Photo Editor
Beauty	Hairstyle Try On - Hair Styles and Haircuts
Beauty	Hairstyles step by step for girls
Beauty	Perfect365: One-Tap Makeover
Beauty	Sephora - Buy Makeup, Cosmetics, Hair & Skincare
Beauty	Ulta Beauty: Shop Makeup, Skin, Hair & Perfume
Beauty	YouCam Nails - Manicure Salon for Custom Nail Art
Books & Reference	Amazon Kindle
Books & Reference	Dictionary - Merriam-Webster
Books & Reference	Goodreads
Books & Reference	JW Library
Books & Reference	OverDrive
Books & Reference	The Bible App Free + Audio, Offline, Daily Study
Books & Reference	Wattpad - Read & Write Stories
Books & Reference	Webnovel
Business	File Commander - File Manager & Free Cloud

Category	App
Business	Glassdoor - Job search, company reviews & salaries
Business	Job Search by ZipRecruiter
Business	LinkedIn: Jobs, Business News & Social Networking
Business	Microsoft Teams
Business	OfficeSuite - Word docs, Excel, PowerPoint & PDF
Business	PDF Extra - Scan, View, Fill, Sign, Convert, Edit
Business	Scanner App for Me: Scan Documents to PDF
Business	Slack
Business	Snagajob - Jobs Hiring Now
Business	ZOOM Cloud Meetings
Communication	Contacts
Communication	Firefox Browser: fast, private & safe web browser
Communication	Gmail
Communication	Google Chrome: Fast & Secure
Communication	Google Duo - High Quality Video Calls
Communication	Hangouts
Communication	KakaoTalk: Free Calls & Text
Communication	Kik
Communication	Messages
Communication	Messenger Lite: Free Calls & Messages
Communication	Messenger – Text and Video Chat for Free
Communication	Samsung Internet Browser
Communication	Telegram
Communication	TextNow: Free Texting & Calling App
Communication	WhatsApp Messenger
Communication	Yahoo Mail – Organized Email
Dating	BLOOM — Premium Dating & Find Real Love
Dating	Badoo — The Dating App to Chat, Date & Meet People
Dating	Dating and Chat - SweetMeet
Dating	Joyride – Dating Playground & Passionate Singles
Dating	SeekingArrangement
Education	Babbel - Learn Languages - Spanish, French & More
Education	Duolingo: Learn Languages Free
Education	Google Classroom
Education	Kahoot! Play & Create Quizzes
Education	Language Learning - Spanish, Korean, French & More
Education	Photomath

Category	App
Education	Quizlet: Learn Languages & Vocab with Flashcards
Education	Rosetta Stone: Learn and Speak New Languages
Entertainment	ABC – Live TV & Full Episodes
Entertainment	Amazon Prime Video
Entertainment	Bitmoji
Entertainment	Crunchyroll
Entertainment	FOX NOW: Watch Live & On Demand TV & Stream Sports
Entertainment	Face Secret – Face Reading, Beauty Scan, Horoscope
Entertainment	Google Play Games
Entertainment	Pluto TV - Free Live TV and Movies
Entertainment	STARZ
Entertainment	Scanner Radio - Fire and Police Scanner
Entertainment	Twitch: Livestream Multiplayer Games & Esports
Entertainment	Viki: Stream Asian Drama, Movies and TV Shows
Entertainment	Vudu - Rent, Buy or Watch Movies with No Fee!
Entertainment	Xbox
Events	Hurry - Countdown to Birthday/Vacation (& Widgets)
Events	MyWed ❤️ Wedding Planner with Checklist and Budget
Events	SeatGeek – Tickets to Sports, Concerts, Broadway
Events	StubHub - Live Event Tickets
Events	TodayTix – Theater Tickets
Events	Vivid Seats Event Tickets
Finance	Cash App
Finance	GEICO Mobile - Car Insurance
Food & Drink	7-Eleven, Inc.
Food & Drink	Cookbook Recipes
Food & Drink	Cookpad
Food & Drink	Domino's Pizza USA
Food & Drink	DoorDash - Food Delivery
Food & Drink	Grubhub: Local Food Delivery & Restaurant Takeout
Food & Drink	McDonald's
Food & Drink	Papa John's Pizza
Food & Drink	Postmates - Local Restaurant Delivery & Takeout
Food & Drink	Starbucks
Food & Drink	Yelp: Find Food, Delivery & Services Nearby
Health & Fitness	BetterMe: Home Workouts & Diet
Health & Fitness	Freeletics Training Coach - Bodyweight Fitness

Category	App
Health & Fitness	Google Fit: Health and Activity Tracking
Health & Fitness	Home Workout - No Equipment
Health & Fitness	Lifesum - Diet Plan, Macro Calculator & Food Diary
Health & Fitness	Noom: Health & Weight
Health & Fitness	Period Tracker - Period Calendar Ovulation Tracker
Health & Fitness	Six Pack in 30 Days - Abs Workout
Health & Fitness	Strava: Track Running, Cycling & Swimming
House & Home	Apartments & Rentals - Zillow
House & Home	Apartments.com Rental Search
House & Home	Home Security Camera WardenCam - reuse old phones
House & Home	HomeAdvisor: Contractors for Home Improvement
House & Home	HotPads Apartments & Home Rentals
House & Home	Houzz - Home Design & Remodel
House & Home	Realtor.com Real Estate: Homes for Sale and Rent
House & Home	Thumbtack Book pros - handymen, movers & much more
House & Home	Trulia Real Estate: Search Homes For Sale & Rent
House & Home	Trulia Rent Apartments & Homes
House & Home	Universal TV Remote Control
House & Home	Zillow: Find Houses for Sale & Apartments for Rent
Libraries & Demo	My Movies Pro
Lifestyle	Food Network Kitchen
Lifestyle	Life360: Family Locator & GPS Tracker for Safety
Lifestyle	Mingle2 Free Online Dating App - Chat, Date, Meet
Lifestyle	Pinterest
Lifestyle	Roomster - Roommates, Roommate & Roommate Finder
Lifestyle	SmartThings
Lifestyle	The PCH App
Lifestyle	Tile
Lifestyle	myQ: Smart Garage & Access Control
Maps & Navigation	MapQuest: Directions, Maps & GPS Navigation
Maps & Navigation	Moovit: All Local Transit & Mobility Options
Maps & Navigation	Police Detector (Speed Camera Radar)
Maps & Navigation	Sygic GPS Navigation & Offline Maps
Maps & Navigation	Transit: Bus & Subway Times
Maps & Navigation	Waze - GPS, Maps, Traffic Alerts & Live Navigation
Maps & Navigation	Waze Carpool - Ride together. Commute better.
Medical	Blood Pressure

Category	App
Medical	Doctor On Demand
Medical	GoodRx: Prescription Drugs Discounts & Coupons App
Medical	OneTouch Reveal® mobile app for Diabetes
Medical	Ovia Pregnancy Tracker: Baby Due Date Countdown
Medical	Pill Reminder & Medication Tracker - MyTherapy
Medical	Pregnancy Week By Week
Medical	epocrates
Medical	mySugr - Diabetes App & Blood Sugar Tracker
Music & Audio	Amazon Music: Stream and Discover Songs & Podcasts
Music & Audio	AmpMe - Speaker Booster
Music & Audio	Anghami - Play, discover & download new music
Music & Audio	Gaana Music Hindi Song Free Tamil Telugu MP3 App
Music & Audio	Karaoke - Sing Karaoke, Unlimited Songs
Music & Audio	Pandora - Streaming Music, Radio & Podcasts
Music & Audio	Podcast Player & Podcast App - Castbox
Music & Audio	Shazam: Discover songs & lyrics in seconds
Music & Audio	Simple Radio – Free Live AM FM Radio & Music App
Music & Audio	Smule: Social Karaoke Singing
Music & Audio	SoundCloud - Play Music, Audio & New Songs
Music & Audio	Spotify: Listen to podcasts & find music you love
Music & Audio	StarMaker: Sing free Karaoke, Record music videos
Music & Audio	TuneIn Radio: News, Sports, Music & Radio Stations
Music & Audio	iHeartRadio: Radio, Podcasts & Music On Demand
News & Magazines	Apps for Chromecast - Your Chromecast Guide
News & Magazines	Bloomberg: Market & Financial News
News & Magazines	CNN Breaking US & World News
News & Magazines	FREECABLE TV App: Free TV Shows, Free Movies, News
News & Magazines	Flipboard - Latest News, Top Stories & Lifestyle
News & Magazines	Fox News: Breaking News, Live Video & News Alerts
News & Magazines	Google News - Top world & local news headlines
News & Magazines	News Break: Local Breaking Stories & US Headlines
News & Magazines	Pocket: Save. Read. Grow.
News & Magazines	Podcast Player
News & Magazines	Quora — Ask Questions, Get Answers
News & Magazines	SmartNews: Local Breaking News
News & Magazines	The Guardian - Live World News, Sport & Opinion
News & Magazines	The New York Times

Category	App
News & Magazines	The Washington Post
News & Magazines	Yahoo - News, Mail, Sports
News & Magazines	Yahoo News: Trending World, Breaking Local & US
Parenting	Baby Tracker - Newborn Feeding, Diaper, Sleep Log
Parenting	FamilyAlbum - Easy Photo & Video Sharing
Parenting	Kids police - designed for parents
Parenting	Peekaboo Moments – Babybook, memories & moments
Parenting	Pregnancy + tracker app, week by week in 3D
Parenting	Pregnancy Tracker + Countdown to Baby Due Date
Personalization	Animals: Ringtones
Personalization	Best Free Ringtones 2021 For Android™
Personalization	Ringtone Maker - create free ringtones from music
Personalization	ZEDGE™ Wallpapers & Ringtones
Photography	Adobe Photoshop Express:Photo Editor Collage Maker
Photography	BeautyPlus - Best Selfie Cam & Easy Photo Editor
Photography	Boomerang from Instagram
Photography	FaceApp - Face Editor, Makeover & Beauty App
Photography	Google Photos
Photography	Layout from Instagram: Collage
Photography	Photo Grid
Photography	PicsArt Photo Editor: Pic, Video & Collage Maker
Photography	Pixlr – Free Photo Editor
Photography	Snapseed
Photography	VSCO: Photo & Video Editor
Photography	YouCam Makeup - Selfie Editor & Magic Makeover Cam
Photography	YouCam Perfect - Best Photo Editor & Selfie Camera
Productivity	Adobe Acrobat Reader: PDF Viewer, Editor & Creator
Productivity	Dropbox: Cloud Storage, Photo Backup, File Manager
Productivity	Evernote - Notes Organizer & Daily Planner
Productivity	Free WiFi Passwords & Internet Hotspots. WiFi Map®
Productivity	Google Calendar
Productivity	Google Docs
Productivity	Google Drive
Productivity	Google Keep - Notes and Lists
Productivity	Google Sheets
Productivity	Google Slides
Productivity	HP Smart

Category	App
Productivity	MEGA
Productivity	Microsoft Excel: View, Edit, & Create Spreadsheets
Productivity	Microsoft OneDrive
Productivity	Microsoft Outlook: Secure email, calendars & files
Productivity	Microsoft PowerPoint: Slideshows and Presentations
Productivity	Microsoft Word: Write, Edit & Share Docs on the Go
Productivity	Todoist: To-Do List, Tasks & Reminders
Shopping	AliExpress
Shopping	Amazon Shopping - Search, Find, Ship, and Save
Shopping	Carousell: Snap-Sell, Chat-Buy
Shopping	Groupon - Shop Deals, Discounts & Coupons
Shopping	Ibotta: Cash Back Savings, Rewards & Coupons App
Shopping	Mercari: Your Marketplace
Shopping	OfferUp: Buy. Sell. Letgo. Mobile marketplace
Shopping	PINK Nation
Shopping	Poshmark - Buy & Sell Fashion
Shopping	Rakuten: Get Cash Back & save on your shopping
Shopping	RetailMeNot: Coupons, Deals & Discounts
Shopping	SHEIN-Fashion Shopping Online
Shopping	Sam's Club
Shopping	Shpock The Joy of Selling. Buy, Sell & Shopping
Shopping	Target
Shopping	Walgreens
Shopping	Walmart Shopping & Grocery
Shopping	Wayfair - Shop All Things Home
Shopping	Wish - Shopping Made Fun
Shopping	eBay - Buy and sell on your favorite marketplace
Social	BAND - App for all groups
Social	BIGO LIVE-Live Stream, Live Chat, Go Live
Social	Facebook
Social	Free phone calls, free texting SMS on free number
Social	HAGO-Let's hang out! Game, Chat, Live, Among Us
Social	Instagram
Social	Live.me
Social	MICO: Make Friends, Live Chat and Go Live Stream
Social	MeetMe: Chat & Meet New People
Social	Moco: Chat & Meet New People

Category	App
Social	Reddit
Social	SKOUT - Meet, Chat, Go Live
Social	Snapchat
Social	Tagged - Meet, Chat & Dating
Social	TikTok
Social	Tumblr
Sports	CBS Sports App - Scores, News, Stats & Watch Live
Sports	FOX Sports: Latest Stories, Scores & Events
Sports	Fox Sports Go
Sports	MLB
Sports	NBC Sports
Sports	NFL
Sports	NHL
Sports	UFC
Sports	Yahoo Fantasy Sports: Football, Baseball & More
Sports	Yahoo Sports: Get live sports news & scores
Sports	theScore: Live Sports Scores, News, Stats & Videos
Tools	AVG AntiVirus Free & Mobile Security, Photo Vault
Tools	Avast Antivirus – Scan & Remove Virus, Cleaner
Tools	Clean Master
Tools	Files by Google: Clean up space on your phone
Tools	Google Translate
Tools	Mobile Security, Antivirus & Cleaner by Lookout
Tools	Turbo VPN- Free VPN Proxy Server & Secure Service
Tools	dfndr security: antivirus, anti-hacking & cleaner
Travel & Local	Airbnb - A global travel community
Travel & Local	American Airlines
Travel & Local	Booking.com: Hotels, Apartments & Accommodation
Travel & Local	Expedia Hotel, Flight & Car Rental Travel Deals
Travel & Local	Flightradar24 Flight Tracker
Travel & Local	Fly Delta
Travel & Local	GasBuddy: Find and Pay for Cheap Gas and Fuel
Travel & Local	GetUpside: Save BIG on gas and food
Travel & Local	Google Earth
Travel & Local	Google Maps - Navigate & Explore
Travel & Local	Guides by Lonely Planet
Travel & Local	Hilton Honors: Book Hotels

Category	App
Travel & Local	Hotels.com: Book Hotels, Vacation Rentals and More
Travel & Local	Marriott Bonvoy
Travel & Local	Mobile Passport
Travel & Local	Priceline - Travel Deals on Hotels, Flights & Cars
Travel & Local	Southwest Airlines
Travel & Local	Turo - Better Than Car Rental
Weather	1Weather: Forecasts, Widgets, Snow Alerts & Radar
Weather	AccuWeather: Weather alerts & live forecast info
Weather	Countdown
Weather	MyRadar Weather Radar
Weather	Transparent clock and weather - forecast and radar
Weather	Weather & Radar USA - Snow radar and alerts
Weather	Weather Forecast & Snow Radar: The Weather Channel
Weather	Weather Forecast 14 days - Meteored News & Radar
Weather	Weather by WeatherBug: Live Radar Map & Forecast
Weather	Weather data & microclimate : Weather Underground
Weather	Weather forecast (com.graph.weather.forecast.channel)
Weather	Weather forecast (com.chanel.weather.forecast.accu)
Weather	Yahoo Weather