How To Save Battery On Android With These Proven Ways

Ever wondered how to save battery on android? Learn several tips to save battery and improve the battery life of your android phones and tablets here.

Most of us use our smartphones daily for everything from entertainment to communication. Because of this, we rarely keep a check on the time we spend on our phones and how it affects their batteries.

With social media engagement on the rise and phone operations becoming more complex, battery life hasn't kept up. This means plugging in your gadgets from time to time. The phone is about to shut down, and you find yourself running to attach the charging cable.

How can all of these problems be solved? You can save battery with these tried and tested ways.

Don't use Bluetooth, Wi-Fi, or location if you don't need them

Bluetooth, Wi-Fi, and location services are some of the phone's most significant battery drainers, so switch them off when they're not in use. This is notably true for Wi-Fi, which looks for available networks even when the feature is turned off in Settings. To do so, follow these steps:

- Swipe from the top of your screen and then click on the **Settings** icon.
- Select **"Wireless & Networks"** from the drop-down menu.
- Scroll down until you find **"Wi-Fi" or "Bluetooth"** and **tap it** to access the settings menu for that device.
- Toggle the switch next to **"Wi-Fi" or "Bluetooth"** to turn it off.
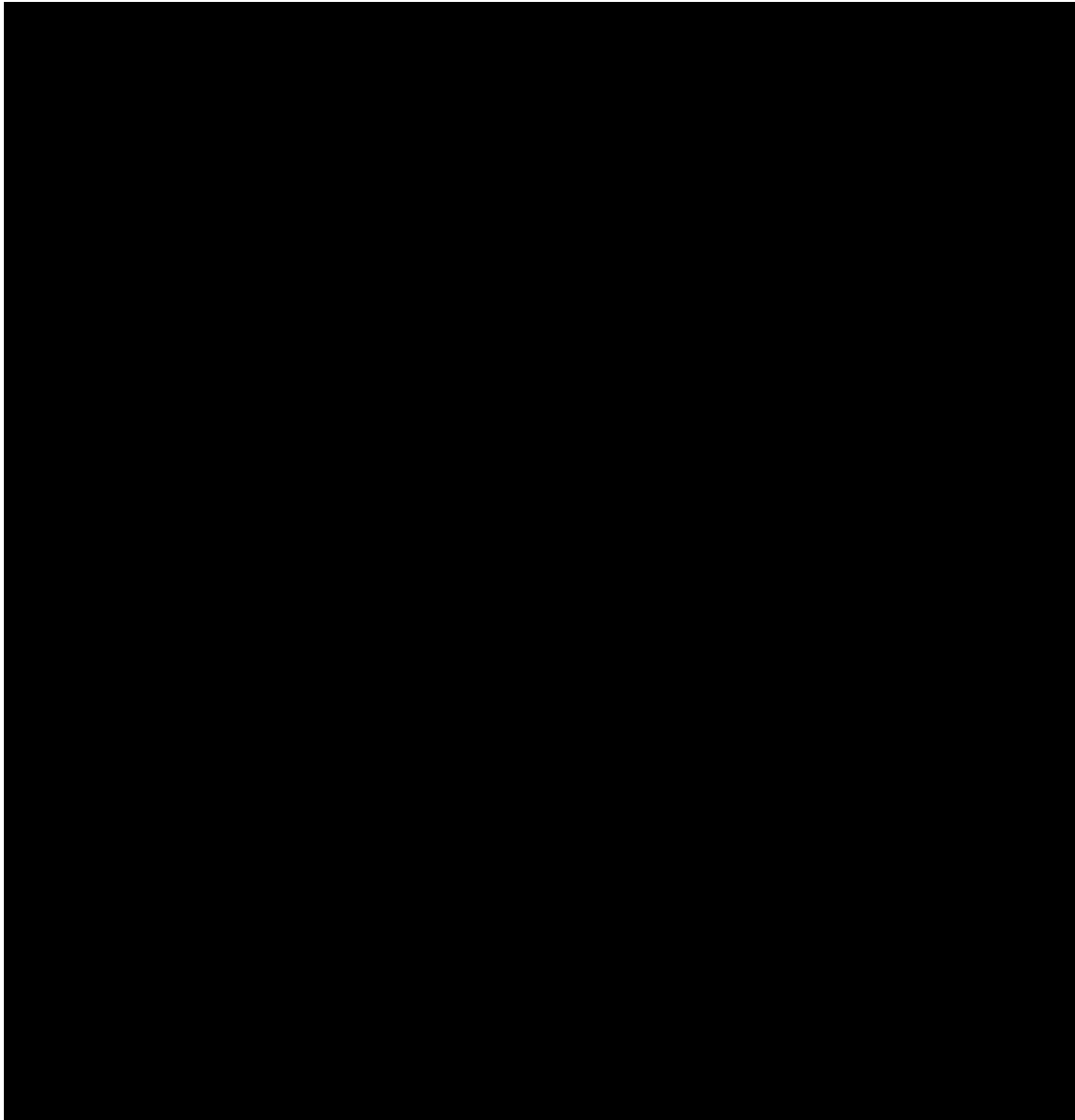
Disable Background Sync

You may limit the background activity of apps on Android to preserve battery. Some apps sync data and deliver notifications in the background, but they might deplete your battery even when you're not using them. This functionality can prevent apps from syncing when they are not in use. To turn off background sync

- Open "**Settings**" from your homescreen
- Scroll down to **"Accounts and Sync"** and select **"Special Access"**
- Disable **Background Sync**

Don't panic if you have an app that has to operate in the background; there are alternative options available.

Limit The Use Of High-Power Apps

If you want to restrict the use of such apps that consume a lot of power when they're running in the background or when they're not being vigorously used by you or anybody,

- Swipe down from the top of the screen to open **Settings.** Navigate to **Battery and Device Care**
- Click on **Battery** and then go to **Background usage limits**
- Switch on the **Put unused apps to sleep**
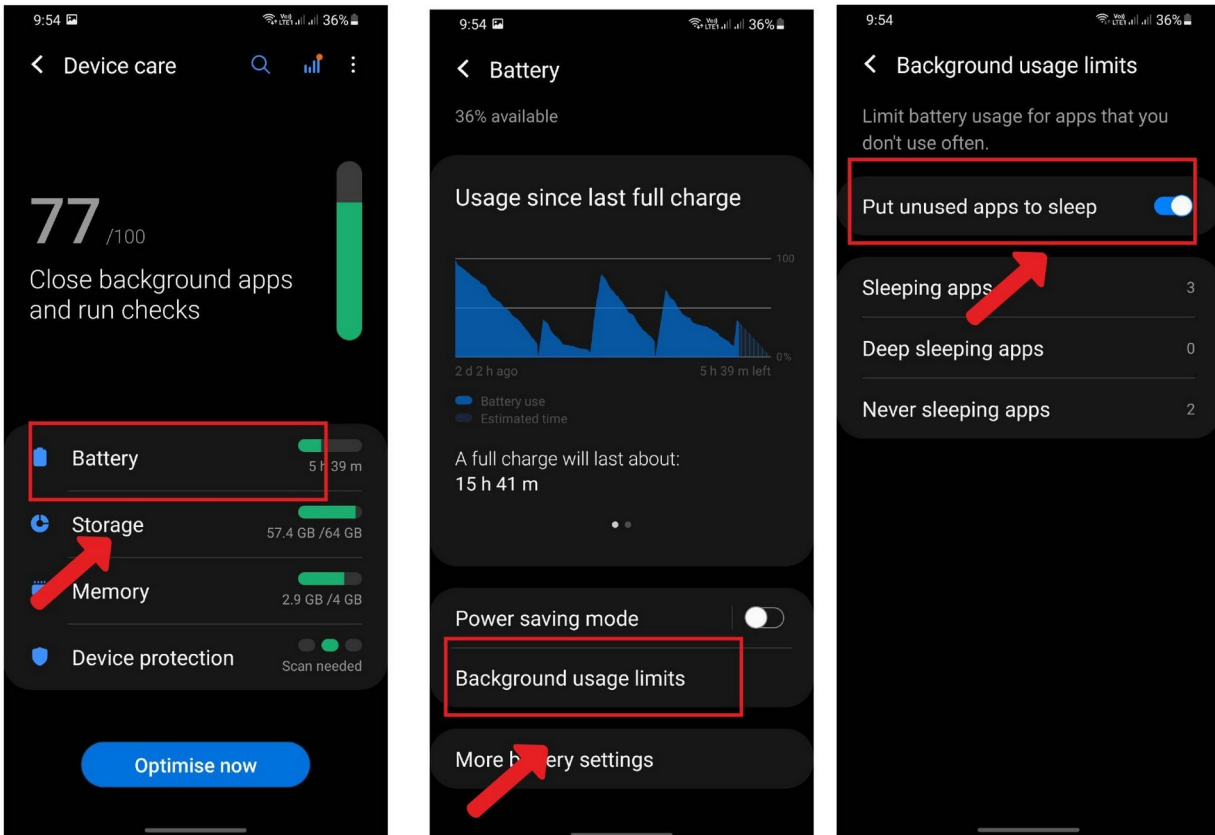
Activate Adaptive Lighting

If you're unfamiliar with adaptive brightness, it's a function that adjusts the brightness of your device's display depending on the amount of light in the area. This reduces eye strain and ensures you can see your screen even when the weather is bright or at night. The great news is that it saves battery power because it doesn't have to constantly increase its brightness to maintain visibility in various lighting conditions.
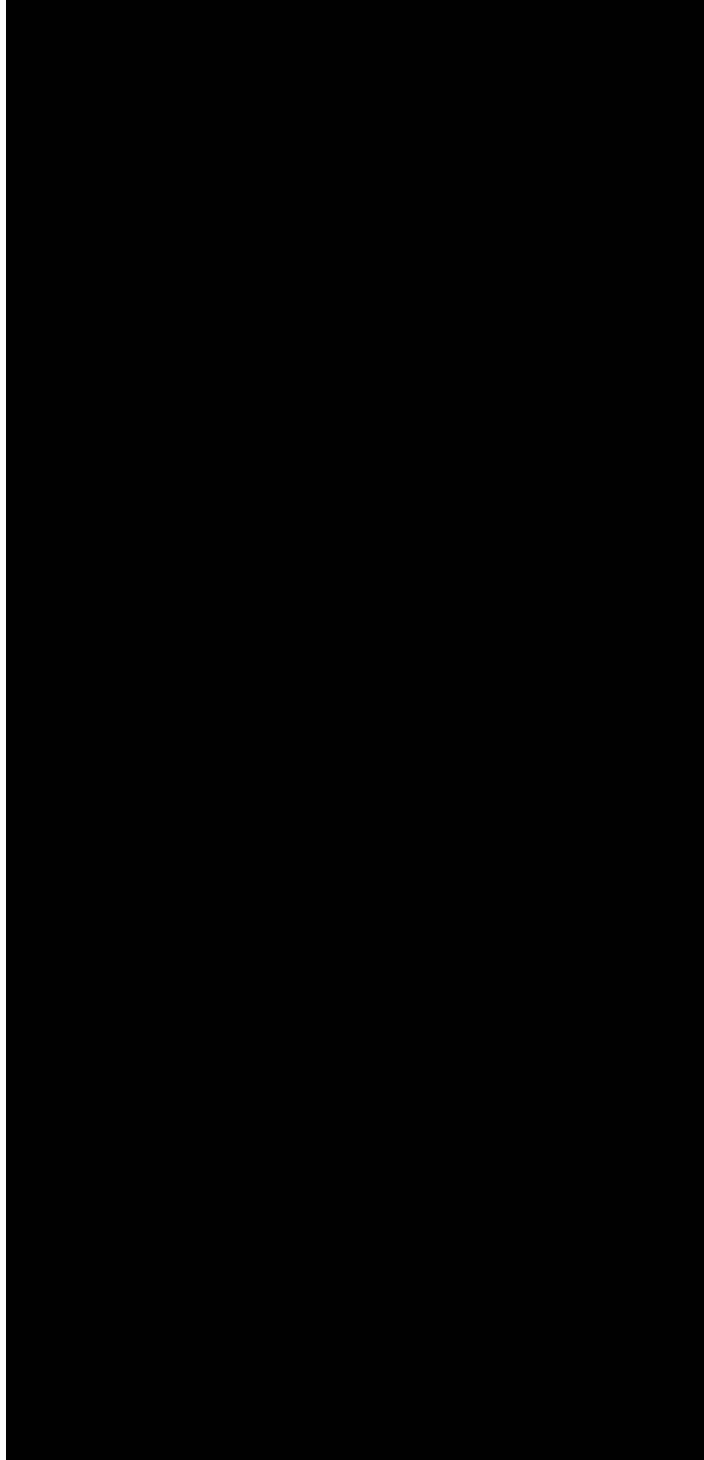
To turn off adaptive brightness on your phone follow these steps.

- Swipe down from the top of your phone and click on **"Brightness"**
- Turn on "**Adaptive Brightness"**.

Change The Screen Timeout

After you push the power button or close the cover, the screen timeout defines how long your phone remains dark. If you want your smartphone to stay awake while recharging overnight or playing music over a wired headphone jack, you may set this anywhere between one second (probably not enough) to 30 minutes.

Turn Off The Vibrating Mode

Turning off vibrate mode on your smartphone can save much battery life on your Android phone. It's a little thing we typically don't do, but it's worth the effort. If you've missed a crucial call due to a low battery, now is your chance to switch off vibrate mode.

Activate The Battery-Saving mode

If you don't want to destroy your battery by turning off location services and background data, use battery saver mode instead. When the smartphone is not in use, this limits background data and push notifications, lowering the screen brightness and CPU speed. The phone will still work with Wi-Fi and cellular data while in this mode, but it will darken the pixels and turn off vibration notifications when the battery is low.
Follow these steps to activate battery saver mode:
- Select **Battery & Data Manager > Battery Saver** from the **Settings** menu.
- If you want the feature to turn on automatically when your battery reaches a specified level, turn on the toggle next to **"Turn on Battery Saver Mode"**
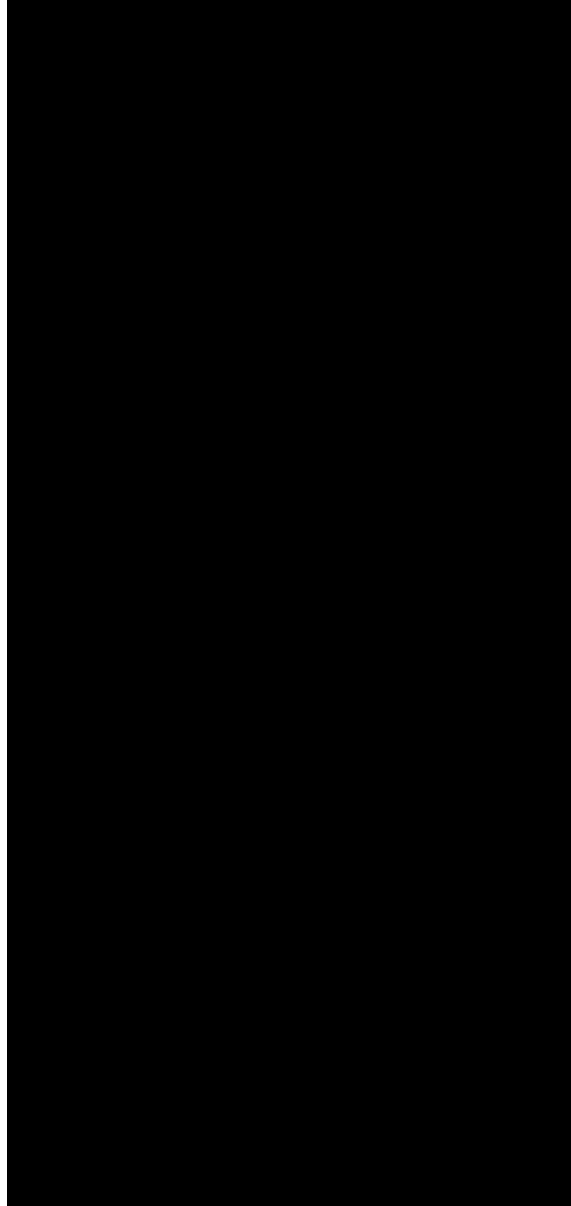
Clean Up Your Home Screen And Remove Any Live Wallpapers

Live wallpapers are entertaining but consume valuable resources, particularly if you have many apps installed and constantly launch new ones. If you're searching for a simple technique to extend your battery life without sacrificing too much enjoyment, try this.

- Long press on the device homescreen.
- Tap on "**Wallpaper"** and then click on **"My Wallpapers"**
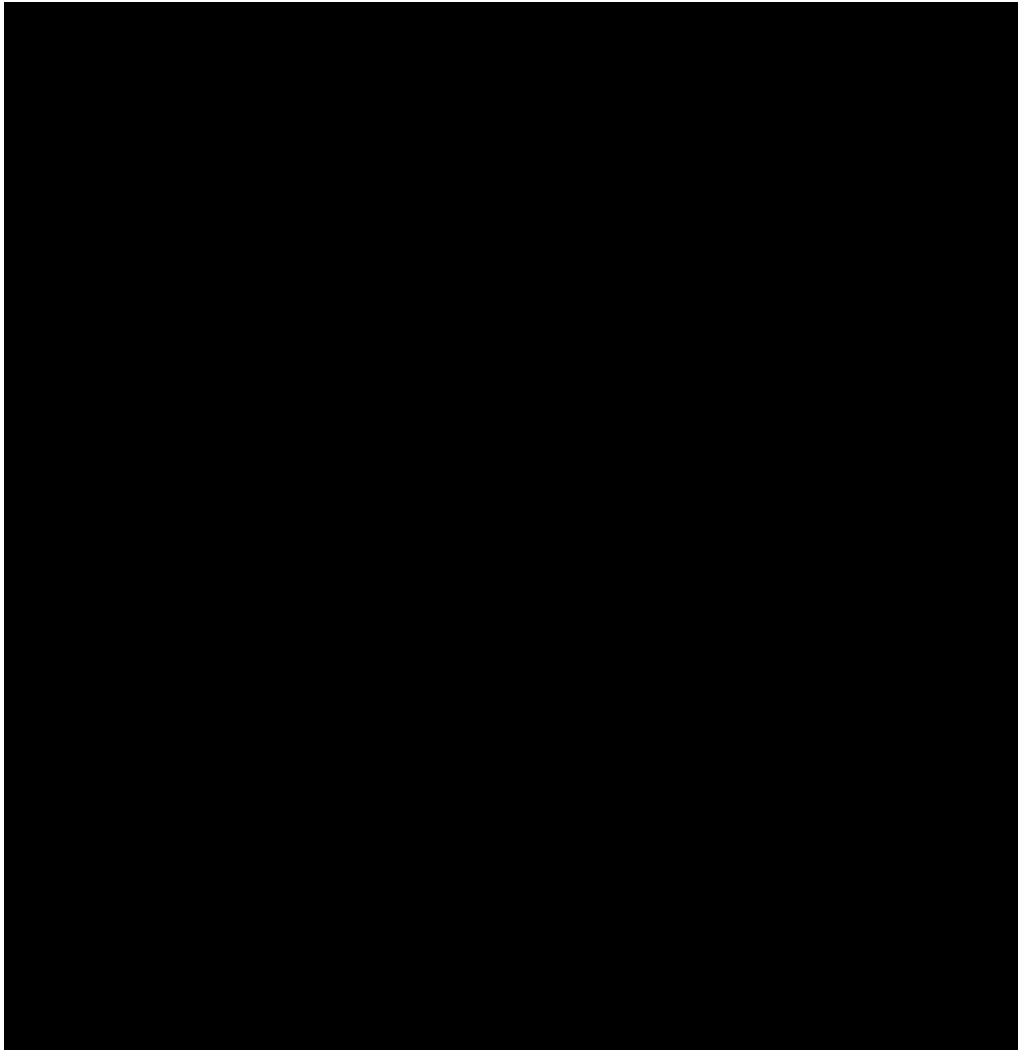
Limit The Number Of Apps That Run In The Background

It's likely running in the background even when you're not using an app. Your battery and your data consumption may be depleted as a result. Close any unwanted apps operating in the environment without your awareness to limit this. You may also select an interval for any program that requires real-time synchronisation (like Facebook or Twitter).

Disable Screen Pixels Manually

Only use this method if your smartphone has an AMOLED display (or AMOLED-like). When AMOLED screens are not in use, the backlight for each pixel is turned off. The pixels require no power because there is no backlight. So, if you want to save battery life by restricting the number of apps that operate in the background, this strategy will come in handy. To do so, go to **Settings > Battery > Battery Optimization > All apps > Enable**. Please **scroll** to the bottom until you discover an app consuming a lot of battery, then click it. To confirm modifications, click the **Optimize button** and then the **OK button**.

Disable Access to Background Data

Background data usage is one of the most common causes of your smartphone's battery draining faster than it should. This will not be a problem if you have an unlimited data plan. However, reducing background data consumption can help you save a few critical megabytes or gigabytes each month if you have a limited data plan. Here''s how to disable it.

- Open **Settings** and then go to **Connections**
- Locate **Data Usage** and tap on **Data Saver**
- Toogle the **Turn on now** to on
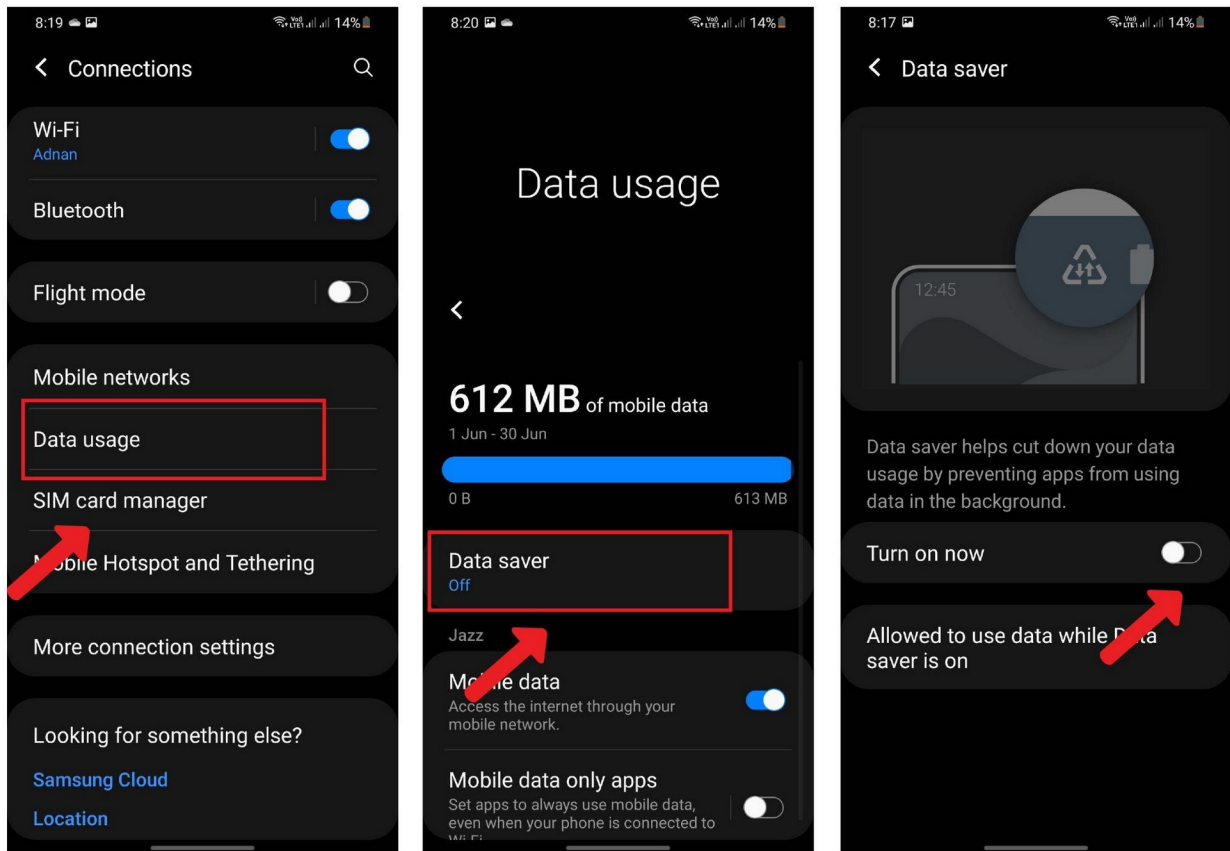
Remember:
Turning off background data prevents apps from updating themselves in the background, you may need to update them from time to time manually.

Use Lite or Progressive Web Apps instead:

Many websites provide an "offline" version of their material that may be viewed without consuming data or requiring Wi-Fi access. You may have observed this on social media sites such as Facebook, where clicking on an article prompts you to save it for later reading. This includes native apps like Twitter and Facebook Messenger, which enable you to read messages even if your device isn't connected to the internet (though they won't be capable of sending notifications till you turn off flight mode).

Use Flight Mode

All your phone's radios are turned off when you put it in Flight mode. It will no longer use your data through a hotspot, Wi-Fi, Bluetooth, or GPS. When you're not using your phone, it's a terrific method to save battery life. To activate Airplane mode,

- Swipe down from the top of the screen to open **Settings.** Tap on **Connections**
- Toggle the **Flight Mode** on.
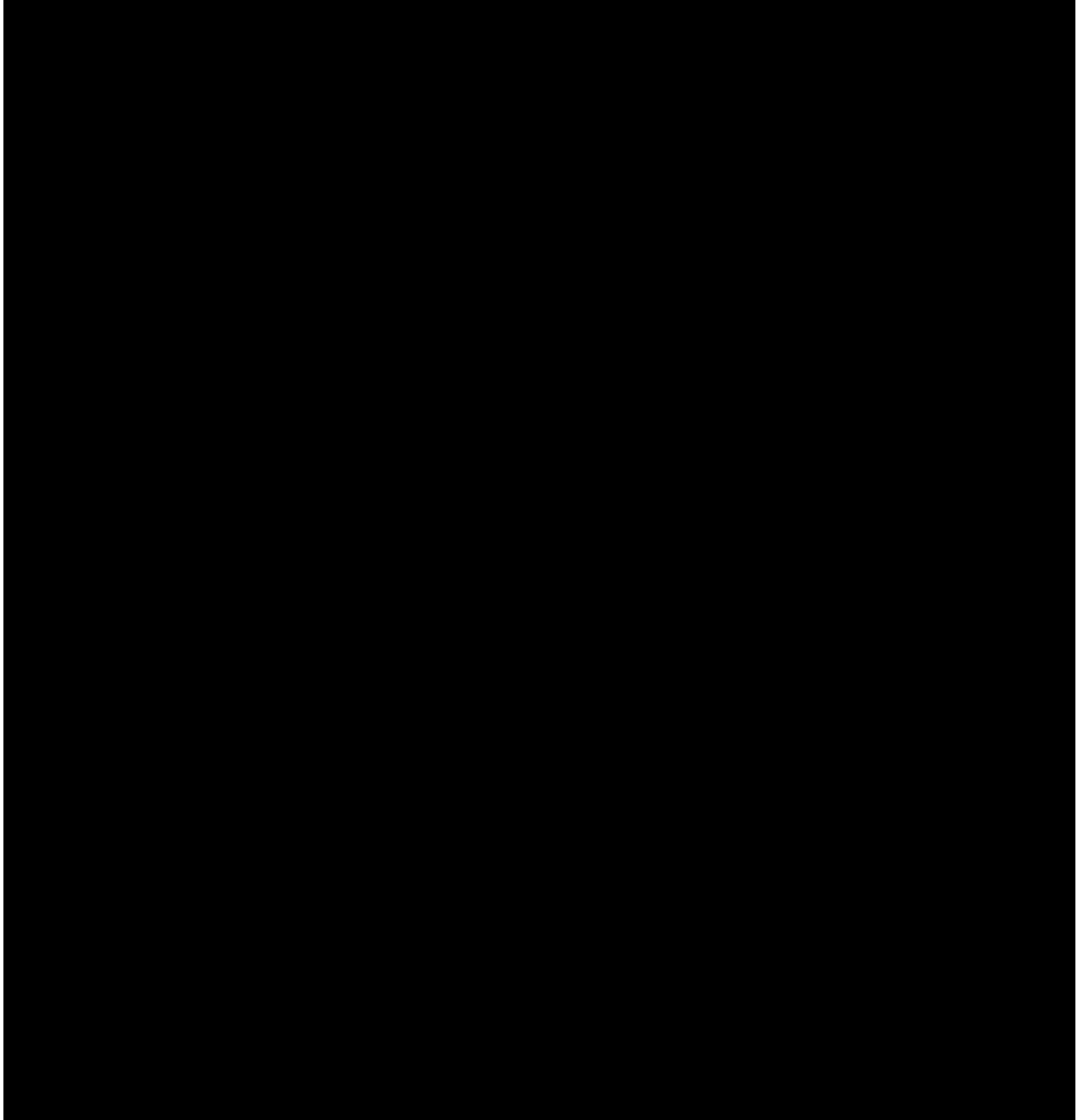
Turn off Google Assistant

The Google Assistant is one of the most advanced features of Android phones and tablets, but it also consumes a significant amount of battery life. To turn off Google Assistant on your Android phone,

- Open **Settings** and then locate **Apps**
- Navigate to **Google.** Click on **Permissions**
- A list of Allowed permissions will appear. Click on each **permission** and deny it.
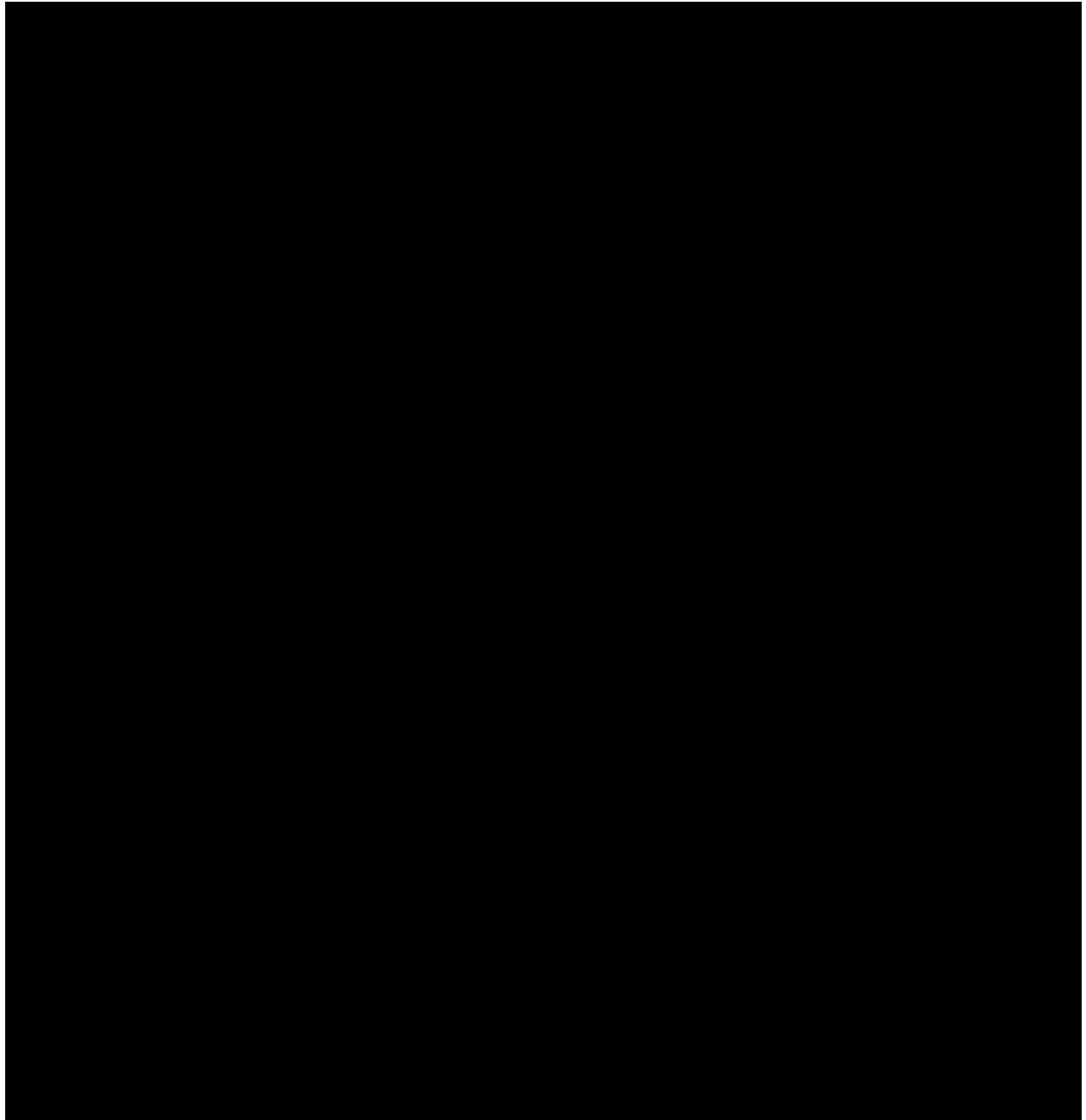
Samsung Phones: Disable Nearby Device Scanning

You must be aware of this feature if you own a Samsung phone. This function allows you to search for other Samsung users in your neighbourhood and connect with them to share files. However, if you don't use this feature frequently and want to save battery usage, you should disable it by navigating to S**ettings > Connections > Nearby Share > OFF**.

Wrapping it up

We tend to forget to charge our electronic devices. Alternatively, there are occasions when we need to accomplish something quickly, and our smartphone's battery runs out. It's pretty aggravating! That happens to me regularly.

Turning off non-essential features on your phone and only activating them when you need them is the secret to preserving battery life on your smartphone. Turn apps off when you're not using them. Force close any apps that are running in the background. When you're indoors, keep your screen brightness at a comfortable level. You'd be shocked how big of an impact these simple changes may make in terms of battery life.

Frequently Asked Questions

Which browsers can save battery life in my Android phone?

The best browser to save battery life is Firefox Focus. Other browsers that are efficient include Ecosia and Samsung Internet. On the other hand, Chrome and Opera Mini are the most energy-hungry browsers.

Does a scheduled on/off on Android save battery?

A scheduled on/off can save battery life. Your phone turns off at the sleep time and automatically turns on a scheduled time. The internal clock helps in turning phone on and off at the right time.

Does dark mode on Android version 10 save battery power?

Dark Mode is one of the most efficient ways to save power on Android. Almost all android phones offer this mode which can be turned on by.
- **Swipe down** from the top of the phone **twice**. It will open the expanded notifications panel.
- Locate the "**Dark Mode"** option and click on it. Toggle the **switch on**.

Should I turn off data or better turn them off and switch from 4G to 2G to a save battery on Android?

Turning off Mobile data is an efficient way to save power. However, switching Mobile Network from 4G to 3G will not save power as 4G uses data much more efficiently. Many carriers do not upgrade their cell phone towers to LTE which drains the battery of many customers.