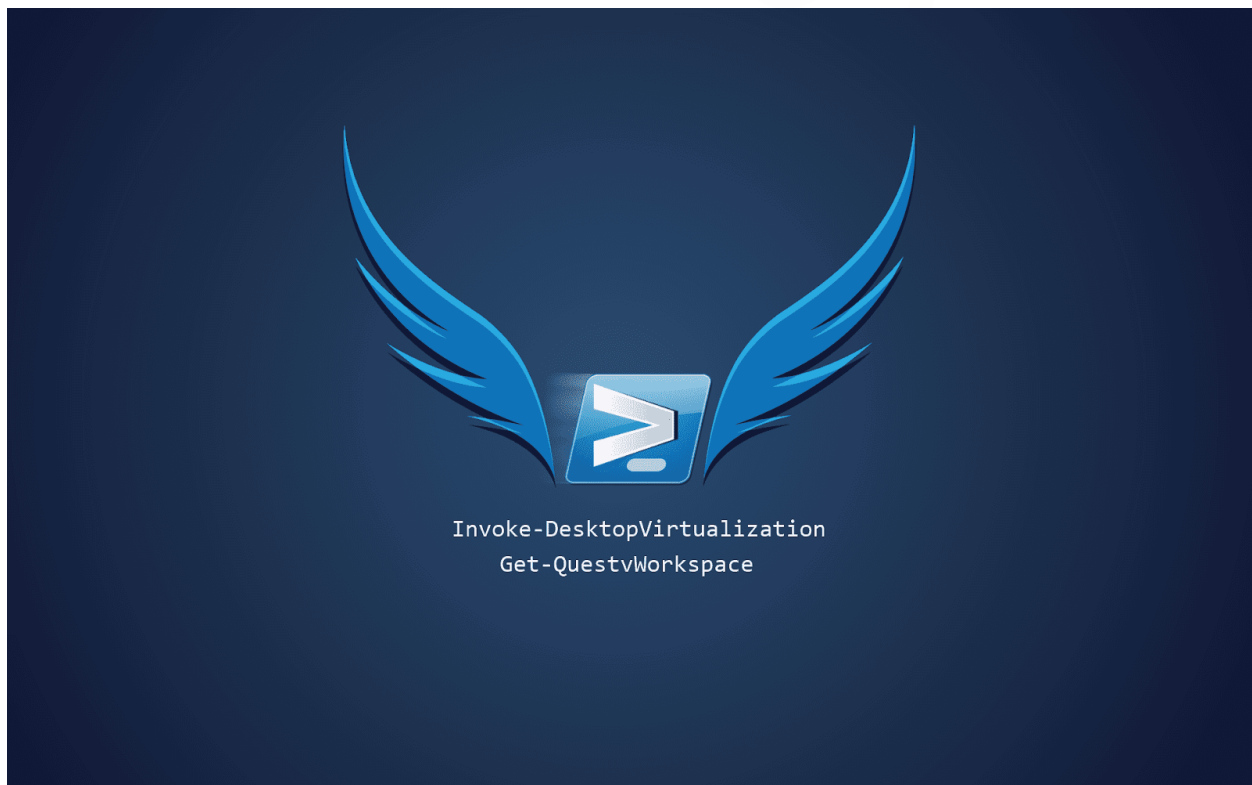


How to Check PowerShell Version in Windows 10/11.

Key Takeaways

- **PowerShell Significance:** Versatile tool developed by Microsoft for performing automation and configuration management tasks. Built on .net framework and features a command-line interface.
- **Significance of Version Awareness:** Keeping up with the latest version ensures compatibility and provides an understanding of the features.
- **Uncover the PowerShell Version:** Launch the PowerShell through the Windows search bar or "Win +X". Execute any one of the following variables.
 - `$PSVersionTable.PSVersion`
 - `$host`
 - `$host.Version`

By executing this command you can determine the PowerShell Version. Applicable to both Windows 10 and Windows 11 operating systems.



PowerShell is a multifaceted and indispensable tool developed by Microsoft for task automation and configuration management. It is built on the .net framework and uses a command-line interface. To unlock PowerShell's full potential as a system administrator, it is important to know its existing version on your Windows system to ensure its compatibility

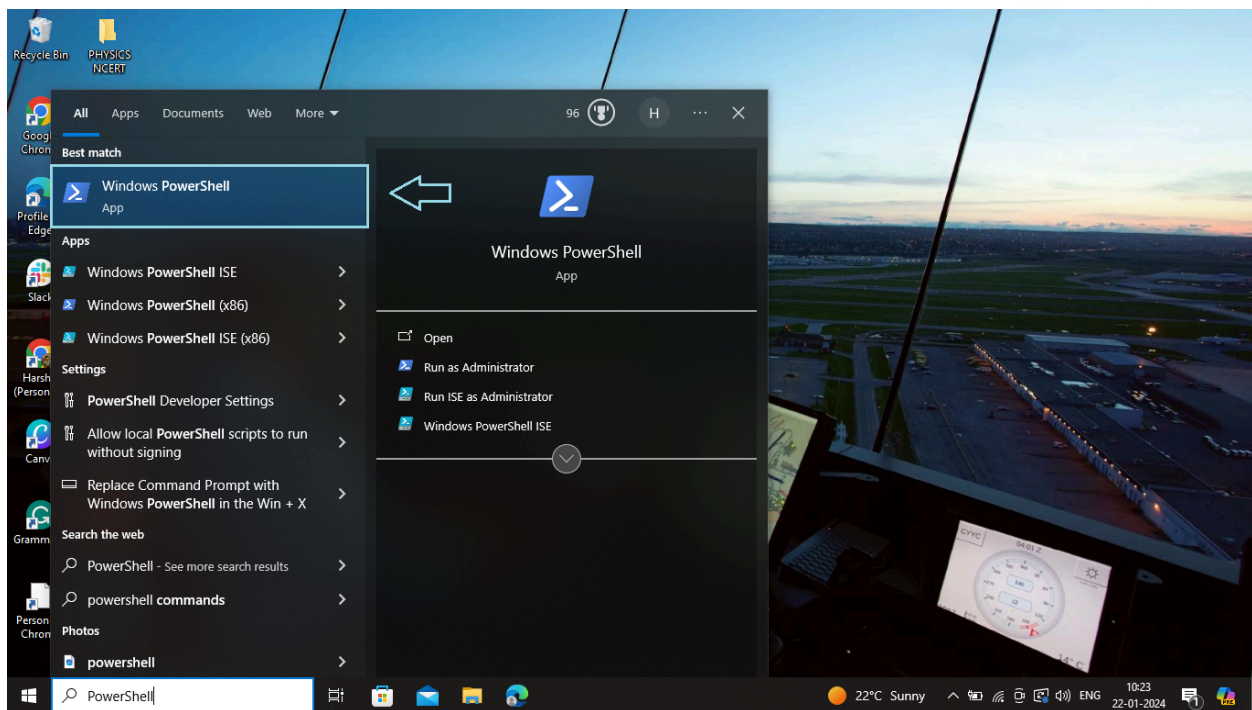
and understand the available features. This article unveils a simple step to determine your PowerShell version in Windows 10/11.

Checking the PowerShell Version

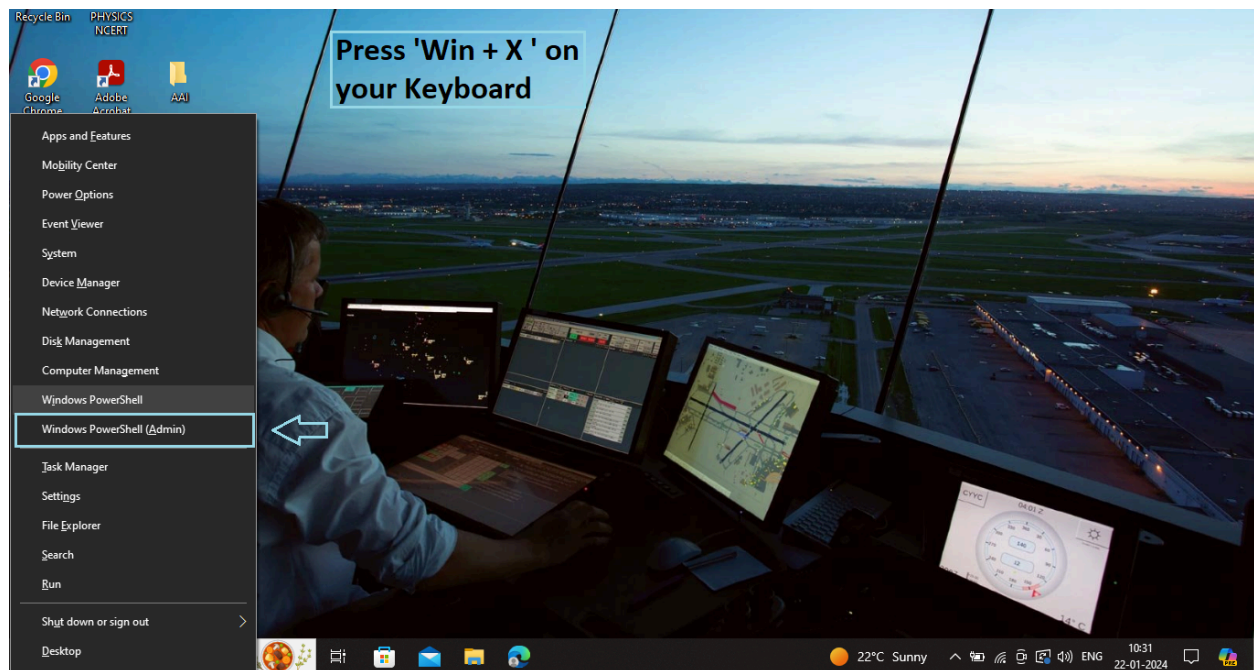
To find out what version of PowerShell you are running on your Windows 10/11 PC, follow the steps below:

Method- 1

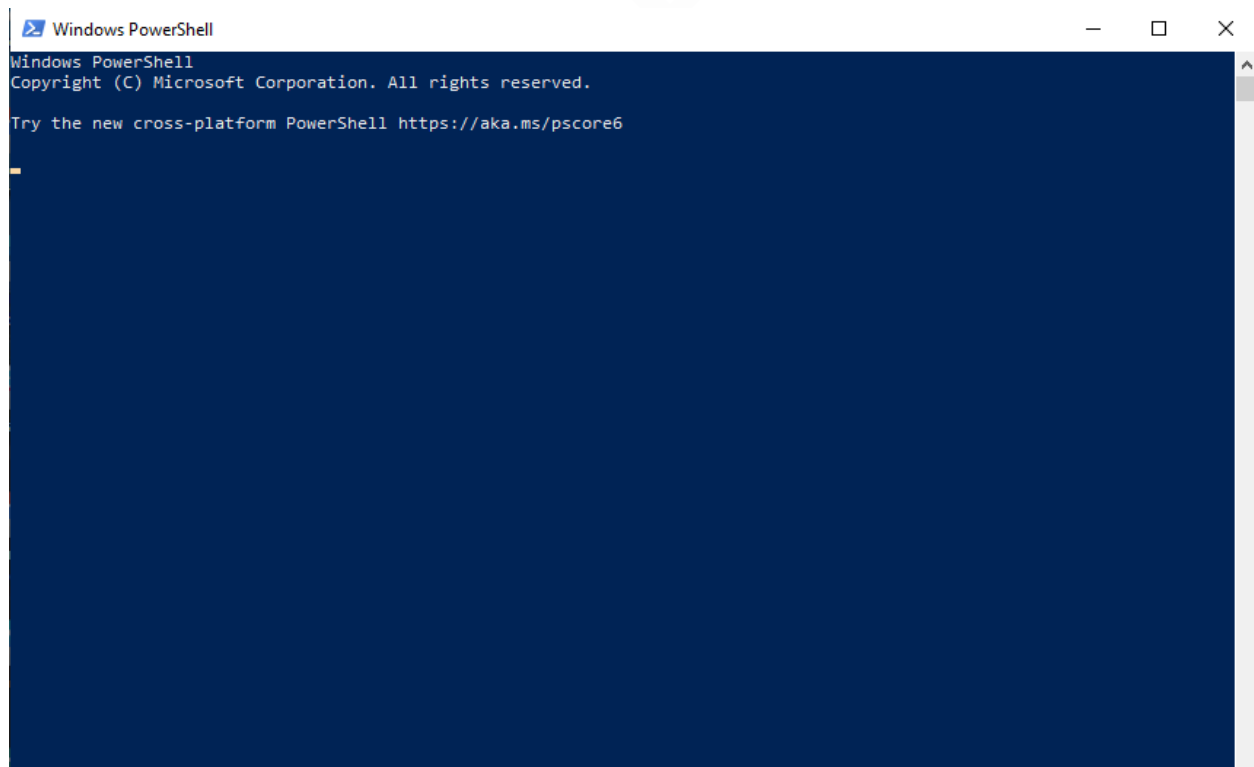
To launch the PowerShell, navigate to the Windows search bar and run a search **"PowerShell"**.



Alternatively, press **"Win+X"** and select **"Windows PowerShell"** or **"PowerShell"** from the menu.



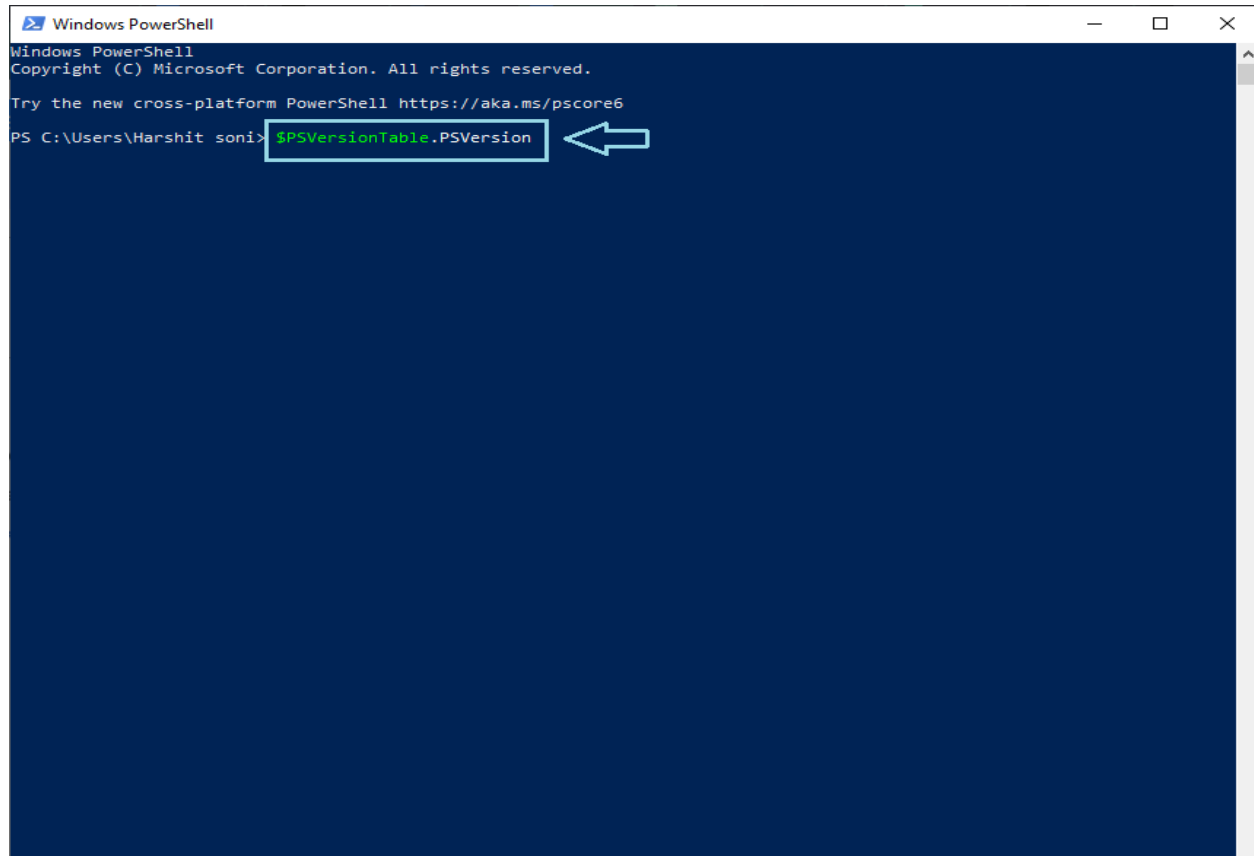
On clicking **Windows PowerShell**, you will be redirected to the following screen.



Now, to determine the version of the PowerShell, there is a convenient variable i.e. `$PSVersionTable`, which holds the version information in the table format. Execute the following command and press the **Enter** Key.

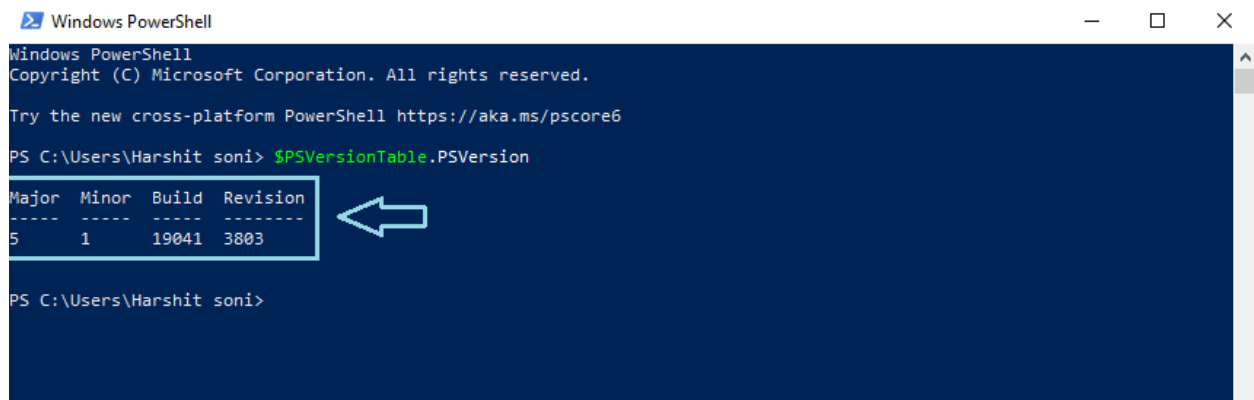
`$PSVersionTable.PSVersion`

💡 **Note:** This command is effective on both Windows 10 and Windows 11 operating systems.



A screenshot of a Windows PowerShell terminal window. The title bar reads "Windows PowerShell". The text inside the terminal shows the standard PowerShell startup messages: "Windows PowerShell", "Copyright (C) Microsoft Corporation. All rights reserved.", and "Try the new cross-platform PowerShell https://aka.ms/pscore6". Below these, the prompt "PS C:\Users\Harshit soni>" is followed by the command `$PSVersionTable.PSVersion`. The command is highlighted with a green box, and a white arrow points to it from the right.

On clicking **Enter**, it will showcase the detailed information containing major, minor, build, and revision numbers.



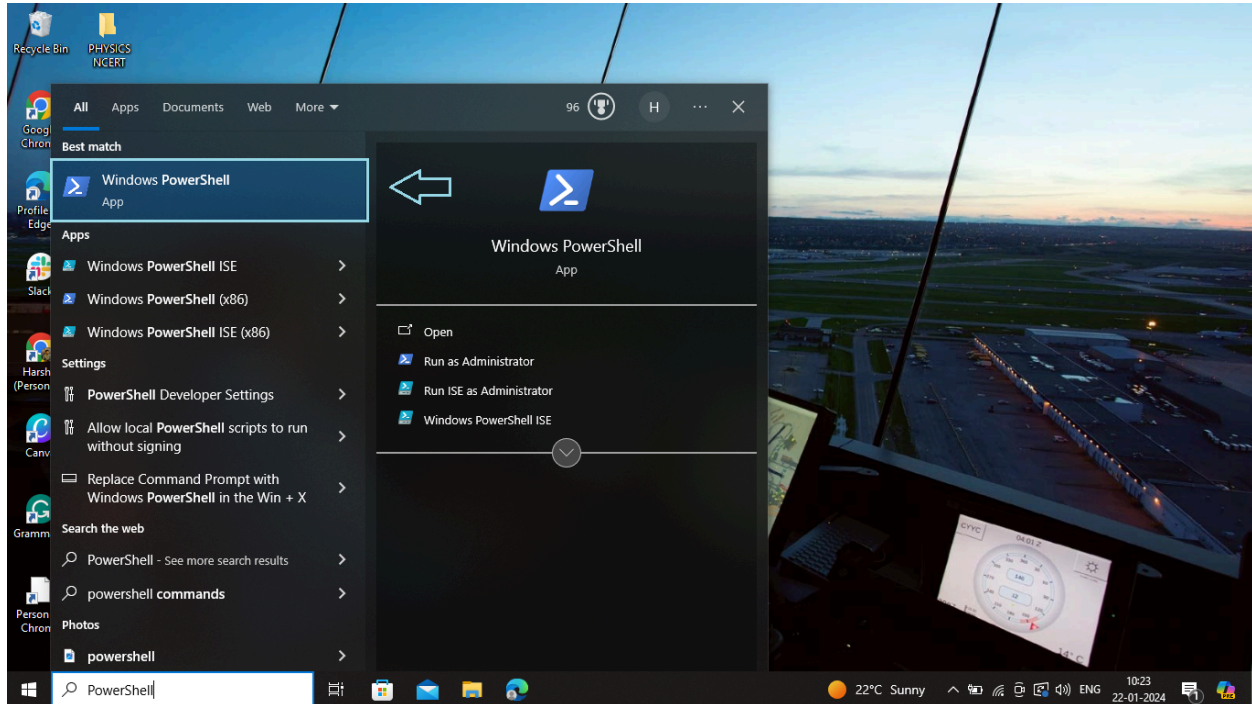
A screenshot of a Windows PowerShell terminal window, similar to the one above. The command `$PSVersionTable.PSVersion` has been executed. The output is displayed as a table with four columns: Major, Minor, Build, and Revision. The values are 5, 1, 19041, and 3803 respectively. The table is enclosed in a green box, and a white arrow points to it from the right.

Major	Minor	Build	Revision
5	1	19041	3803

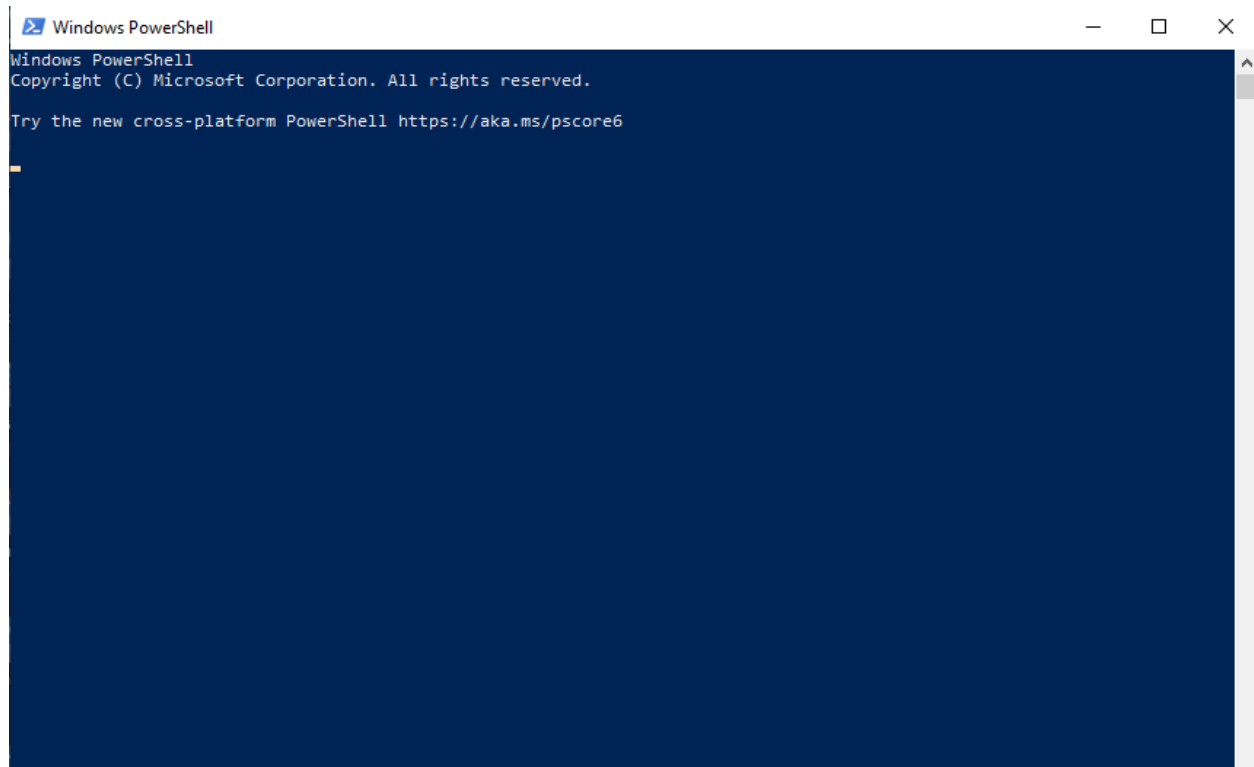
Therefore, the PowerShell Version is **5.1.19041.3803**

Method- 2

Open the PowerShell by either navigating to the Windows search bar or pressing the **Win + X** on your keyboard.




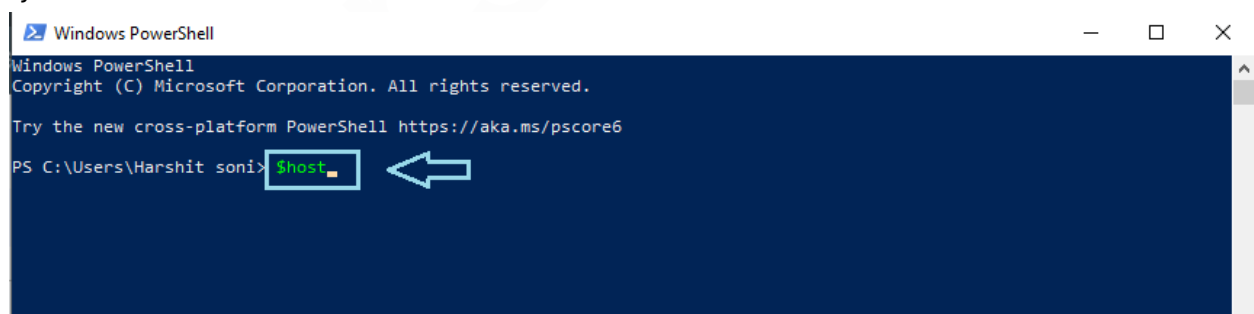
On clicking **Windows PowerShell**, you will be redirected to the following screen.



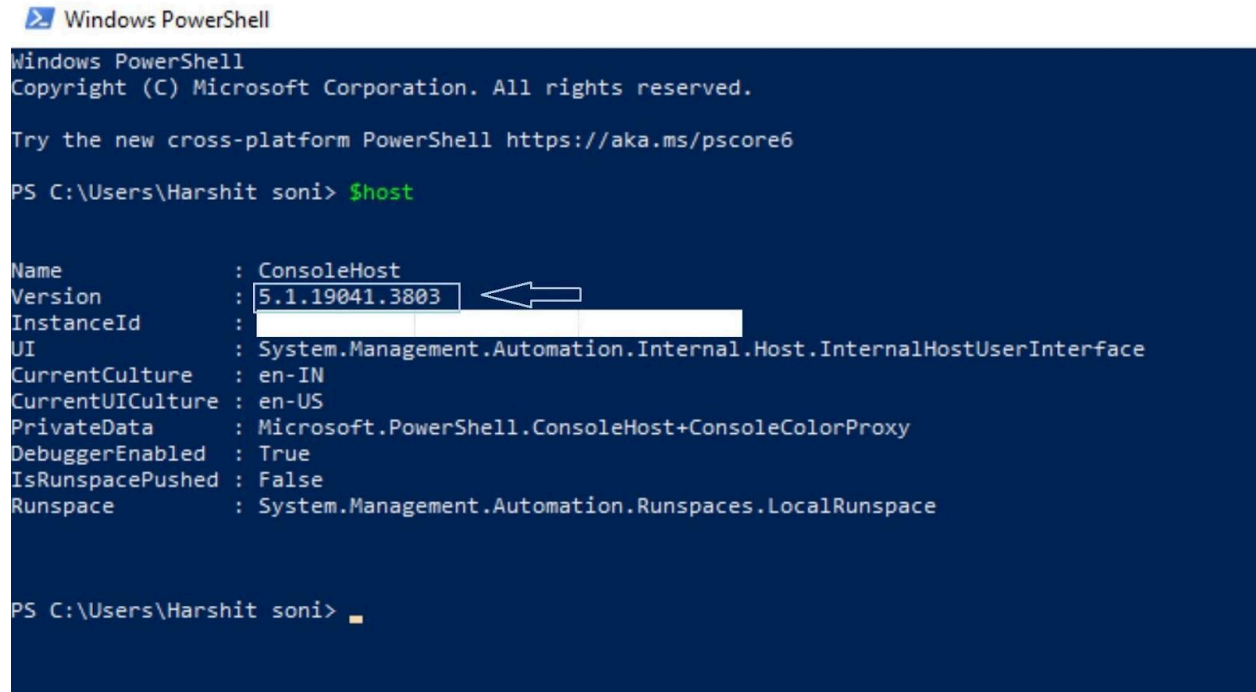
To determine the version of the PowerShell, another variable is `$host`, which holds the information about the hosting environment including the version. Execute the following command and press the **Enter** Key.

`$host`

 **Note:** This command is effective on both Windows 10 and Windows 11 operating systems.



On clicking **Enter**, it will showcase the detailed information related to the hosting environment along with PowerShell's Version.



```
Windows PowerShell
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PS C:\Users\Harshit soni> $host


Name                : ConsoleHost
Version              : 5.1.19041.3803
InstanceId           : 
UI                   : System.Management.Automation.Internal.Host.InternalHostUserInterface
CurrentCulture       : en-IN
CurrentUICulture     : en-US
PrivateData          : Microsoft.PowerShell.ConsoleHost+ConsoleColorProxy
DebuggerEnabled      : True
IsRunspacePushed     : False
Runspace             : System.Management.Automation.Runspace.LocalRunspace

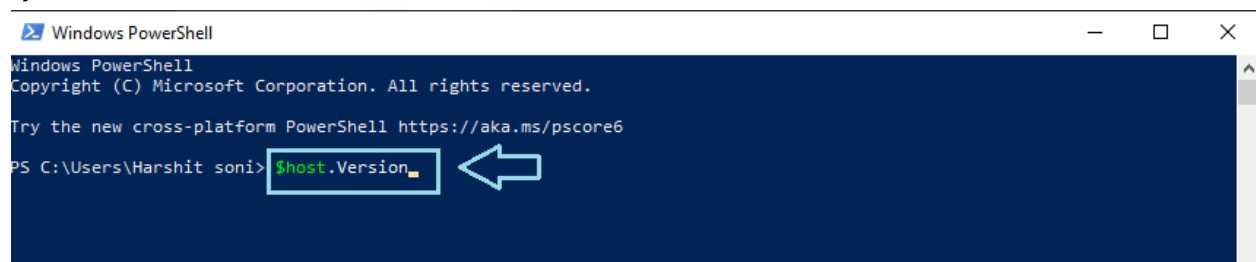
PS C:\Users\Harshit soni>
```

Therefore, the PowerShell Version is **5.1.19041.3803**

Alternatively, to get the most concise information, you can directly access the version property by executing this command.

\$host.Version

 **Note:** This command is effective on both Windows 10 and Windows 11 operating systems.



```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Harshit soni> $host.Version
```

On clicking **Enter**, it will showcase the detailed information containing major, minor, build, and revision numbers.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Harshit soni> $host.Version

Major Minor Build Revision
-----
5      1      19041  3803

PS C:\Users\Harshit soni>
```

Therefore, the PowerShell Version is **5.1.19041.3803**

Conclusion

In conclusion, now you can easily determine the PowerShell version in your Windows 10 and Windows 11 operating system by executing variables such as '\$PSVersionTable.PSVersion', '\$host', and '\$host.Version'. Keeping up with the latest updates of the PowerShell ensures access to the latest features and improvements. Therefore, it is important to understand your PowerShell environment for effective system administration and scripting.