Below is a non-exhaustive list of techniques of how to Edit with DaVinci Resolve 18. Of this list are what was used by V23E-Story group, we ask of you to update and add to this for your own purposes

How to Download

Website: https://www.blackmagicdesign.com/products/davinciresolve
Download the free software version

Resources

Video
- Skills Factory on YouTube
  https://youtu.be/aLIHKHkvKMM
- Doubt Me Tech on Youtube
  https://www.youtube.com/watch?v=tmcHnFqip8M

Written
- MediaEquipt.com
  https://www.mediaequipt.com/how-to-stop-davinci-resolve-from-lagging/
- Simonsayssai.com
  https://www.simonsaysai.com/blog/guide-to-color-correcting-and-grading-in-davinci-resolve

Guide

On the bottom of the screen there are 7 tabs: 'Media,' 'Cut,' 'Edit,' 'Fusion,' 'Color,' 'Fairlight,' and 'Deliver.'
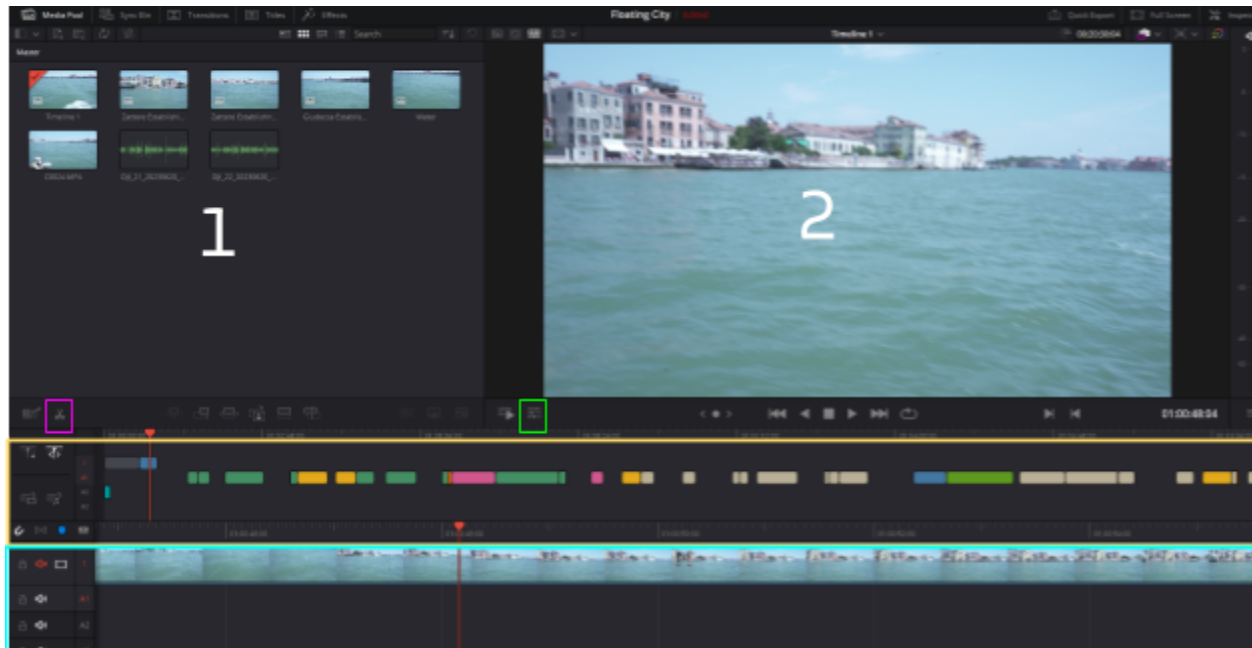
Media

The media tab is made for looking at Media and Timelines. Despite this it does not need to be open to upload media or files.
To upload media to the Project
       'File' > 'Import' > 'Media'
       Or you can use Ctrl + I

Cut

Cut tab is where clips can be made distinct. The screen will be split in two: the top made of the video (2) and imported media (1) and the bottom made of the tracks, separated by a median.

The general overview of the media track (outlined in yellow) shows the overview of the entire timeline. (when moving clips around it is safest to click and drag them from this section as it will prevent accidental clipping)

To start working on a a clip drag it from the imported media list (1) and place it onto the bottom track (outline blue)

To purposely cut media into clips use the scissors ('clip' button/pink line) on the left of the median bar. It will create a separation exactly where the red line is.

To crop and create dynamic zoom use the tools button on the left middle of the median bar (green outline)

To get up close examination of media and how it aligns with the others use the track outline in blue.

To further inspect, select the clip and press the Inspector button on top right.

To create separate tracks right click the left side of the stripand click 'new track.' (click video strip in needing a new video track, click audio strip when needing new audio track)

When you upload an .MP4 or .MOV audio and video will be linked. In order to UNLINK the audio and video
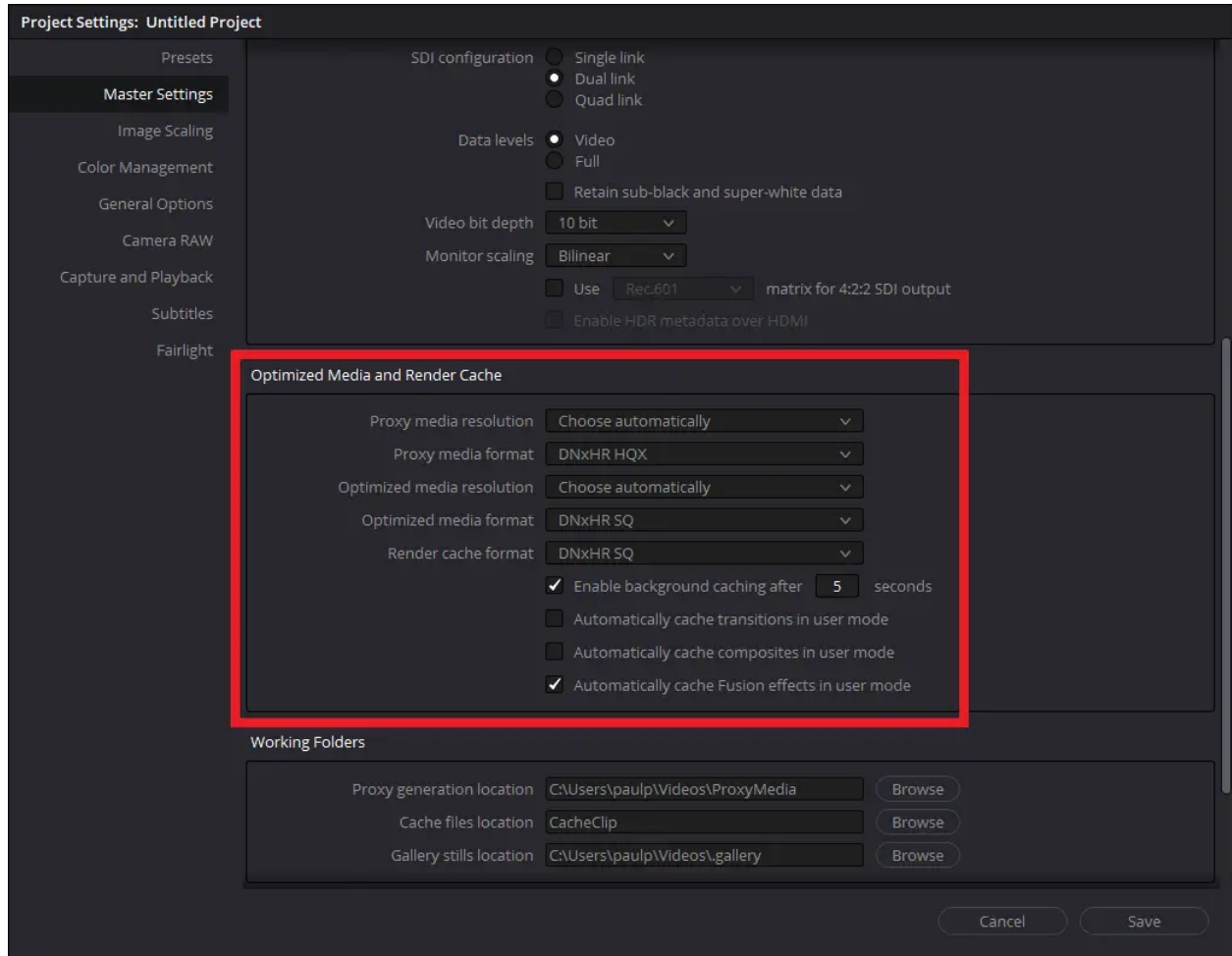
Edit

Fairlight

This is where you can isolate audio tracks.

To make audio track mono from stereo; left click specific audio > clip attributes > audio > mono
> ok

Preventing Playback Lag

With Large files DaVinci can sometimes lag while inspecting or watching back the video The
render will be fine, but it makes editing very hard. To prevent this and make the video look less
choppy while watching there are a few things you can do.
- Enabling 'proxy mode.'
  - Going to 'Playback' > 'Proxy Mode' and select either 'Half Resolution' or 'Quarter Resolution,' depending on your needs.
    - This will not fix everything but will begin to show results
- Optimize Media
  - 'Settings' (The cog in the lower-left corner of the screen) > 'Master Settings' > 'Optimize Media and Render Cache' > Optimized Media format to **'DNxHR SQ'** on PC or '**ProRes 422 LT'** on macOS > 'Save'
  - Then 'Playback' > 'Render' > 'User.' (Make sure that 'Use optimized media if available' is enabled under the same 'Playback' menu.)
  - Right-click clips being played back > 'Generate Optimized Media'
- Clear Render Cache
  - 'Playback' > 'Delete Render Cache' > 'All'
  - It is best if this is done after every few projects

Tagging a Clip

You can make clips distinct to you on the tracks by tagging it

By Mark - to mark a clip click to highlight > Mark (on top tool bar) > Mark Clip > Add Mark
By Color - right click highlighted clip > clip color (needs to be done on the Cut tab)
By Name: to rename a clip left click the clip go to clip attributes > name