

- General overview:
    - Editor (**Ctrl** + **Tab** to switch tabs)
    - Sidebar
      - Explorer
      - Git Features → Only changes by default (add GitLens features)
      - Tip: Move to the right so code doesn't get shifted
      - Activity bar
    - Minimap
    - Bottom panel
    - Path indication
    - Settings sync (incl. extensions)
    - Command palette
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- Command palette shortcuts:
    - **Ctrl** + **p** → Default, recently opened and workspace files
      - **Right arrow** → Open file in other tab
    - **>** / **Ctrl** + **Shift** + **p** → Commands, incl. extensions
    - **@** / **Ctrl** + **Shift** + **o** → Symbols
      - **Ctrl** + **Shift** + **.** → allows for the same functionality, using breadcrumbs
    - Better than search with **Ctrl** + **F** → Mention search & replace and global search here
    - Allows for fuzzy word matching
    - First character matching for camelCase
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- Navigation shortcuts:
    - **Ctrl** + **`** → Toggle terminal (with default shell)
    - **Ctrl** + **j** → Toggle bottom panel
    - **Ctrl** + **b** → Toggle sidebar
    - **Alt** + **Left/Right arrow** → Jump between edit locations
    - **F12** → Go to definition
      - **Alt** + **F12** → Peek definition
      - **Shift** + **F12** → Go to references
      - **Shift** + **Alt** + **F12** → Find all references
    - **Ctrl** + **g** → Go-to line (and column)
    - **Ctrl** + **Up/Down arrow** → Move view up and down, staying on current line
    - **Ctrl** + **k**, **Ctrl** + **0** → Fold all (show functionalities of command palette for code folding)
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- Edit shortcuts:
  - **Ctrl** + **/** → Comment out line (language-agnostic)
  - **Ctrl** + **d** → Select word at current cursor position
    - Repeat keystroke to edit multiple occurrences
    - Better than search and replace, as it allows for more control. Generally, it allows one to do multiline editing
  - **Ctrl** + **Shift** + **l** → Select all occurrences of selection (in file, or notebook cell)
  - **Alt** + **Click** → Can also be used for multiline editing

- **Ctrl + x** → Automatically cut current line
  - **Alt + Up/Down arrow** → Move line up or down (+ **Shift** → to copy line up or down instead of moving)
  - **Ctrl + l** → Highlight line
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- Python file:
    - Hover-info, go to definition, etc.
    - Black, automatic code formatting
    - Auto-Docstring
    - Snippets for beginners (didn't mention Python snippets in setup-file, show installation)
    - GitLens and ErrorLens features
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- ASE (Atoms & NEB):
    - Symbols:
      - Showing
      - Grouping
      - Searching
    - Code folding
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- Jupyter:
    - Getting structure in your notebook, using markdown headings
    - Data viewer
      - Slicing
    - Jupyter variables
    - Writing bash commands
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- Bash file:
    - Snippets (possible to define your own)
    - Run active file in active terminal
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- Extensions:
    - **Search with cursor** - Shortcut to search selected text on Google
    - **Kite** - AI-powered code completion
    - **Error Lens** - Improved language diagnostics and error reporting
    - **Git File History** - Seamless browsing of different file versions in git history
    - **GitLens** - Extensive additional git annotations
    - **Todo Tree** - Workspace-wide TODOs
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- Further resources:
  - [https://www.youtube.com/watch?v=\\_4rSbklsVkk](https://www.youtube.com/watch?v=_4rSbklsVkk)
  - <https://www.youtube.com/watch?v=ifTF3ags0XI>