


The background is a dark purple gradient. It features a large, solid dark blue circle in the center. Surrounding this central circle are various geometric shapes and patterns: a pink circle with diagonal stripes on the left, a blue circle with diagonal stripes on the right, a pink circle with a dot pattern at the bottom left, a yellow zigzag line on the far left, a yellow triangle at the bottom left, a pink pentagon at the bottom right, a yellow triangle with vertical stripes at the bottom right, a pink triangle with dashed lines on the right, a yellow triangle with dashed lines at the top left, a blue circle with dashed lines at the top right, and a pink circle with dashed lines at the bottom. The text "Lab 3" is centered within the large dark blue circle.

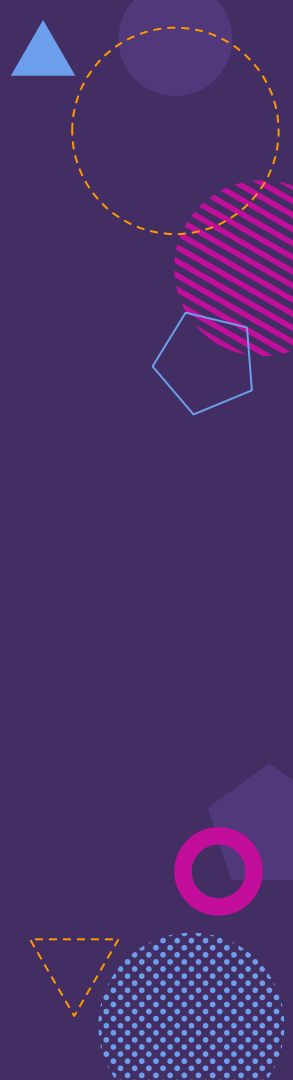
Lab 3



Hello!

For lab 2, please keep the following things in mind:

- use polls file from his website
 - due Wednesday Sep. 10
- 



CUT Command

- ⦿ Command for cutting sections from each line of files.
- ⦿ Designed for delimited files.

```
cut -d ',' -f1 file.csv
```

delimiter to use

fields of interest

UNIQ Command



- ① Command for reporting or filtering repeated lines in a file
- ① Remove duplicates, show a count of occurrences, show only repeated lines, etc.
- ① Typically used alongside sort command

UNIQ Command

```
uniq file.txt
```



checks only adjacent lines

```
uniq -c file.txt
```



output frequency of lines

```
uniq -d/-u file.txt
```



shows either only repeated or
non repeating lines

WC Command

- ① Command for printing newline, word and byte counts for files.

```
wc -l file.txt
```

returns number of lines in file

TR Command

- Used to “translate” text
- Finds and replaces desired pattern in text with another pattern

```
tr [oldregex] [newregex] file.csv
```

pattern to find

pattern to replace with