**Automation**

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**Content List**

* **Selenium**

Set of libraries used to automate web-based applications

* Tools for Automation of different Scenarios
* Web-based (Selenium, OTP , UFT)
* Desktop Based (OTP)
* Database(SQL,MySQL)
* Mobile App(Appium)
* Web Services(Rest/Soap) (PostMan)
* **Why Selenium**
* 75% URL hit
* Mostly Used
* Multi browser Support
* Multi language Support
* Multi operating system Support
* Versions of Selenium
* Selenium RC + Selenium IDE
* Selenium 1.0 + IDE +RC
* Selenium 2.0 + Web-driver +RC
* Selenium 4 (Using)
* **Locators**
* ID(Faster)
* Name
* CSS Selector
* Xpath
* Classname
* Tagname
* Linked Text
* Partial Linked Text
* **Xpath**
* Absolute Xpath
* Relative Xpath
* Contains