



## ML Assignment v4.0

Dear Machine Learning Enthusiast,

Thanks for showing interest in **Mavoix Solutions Pvt Ltd**. Do find the below **Assignment v4.0**. Do read the instruction carefully before you start solving the assignment.

**Use Case:** Use the sample data and create a model which can help **Mavoix Solutions** to recruit following team members.

- 1) Web Developer
- 2) FullStack Developer
- 3) Machine Learning Developer

**Model:** The applicant should provide his/her skills set and desired role; the model should be able to predict if the candidate has been shortlisted for interview or not. If the candidate is not shortlisted for interview; model should be able to inform the skill gap.

**Sample Data:** [https://github.com/mavoixsolutions/sandbox/tree/master/ml-dl-ds/assignment\\_v4](https://github.com/mavoixsolutions/sandbox/tree/master/ml-dl-ds/assignment_v4)

**Required Skills [Criteria]:**

- 1) **Web Developer:** HTML, CSS, Bootstrap, AJAX, JavaScript, PHP, MySQL, REST API, AWS/GCP, Git/GitHub, Python, Linux, JSON, Authentication/Authorization (JWT)
- 2) **FullStack Developer:** HTML, CSS, MongoDB, Express, React.js, Node.js, ES6, Redux, JavaScript, AWS/GCP, Python, Linux, JSON, Authentication/Authorization (JWT)
- 3) **ML Developer:** Python, TensorFlow, PyTorch, NumPy, PyPI, Sci-kit learn, Statistical Modelling, Machine Learning, Deep Learning, SQL, JSON, AWS/GCP/Heroku, Flask

**Assignment Submission Process:** Mail your model to [info@mavoix.in](mailto:info@mavoix.in)

**Submission Date:** 24<sup>th</sup> May 2020 by 11:00pm.

Wish you all the best.

Team Mavoix,  
[www.mavoix.in](http://www.mavoix.in)