

### TASK 3.3

Deployment of Random Forest Classifier Machine Learning Model using the Flask application.

This is the web application, if we fill the form and click on submit we will get the status of the candidate.

Scenario where candidate is **Not Joining**

Form:

## HR Analytics

Joining Prediction Form			
Age	22	LOB	CSMP
Location	Chennai	Candidate Source	Direct
Offered Band	E0	Candidate can relocate?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female	Is Date of Joining Extended?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Duration to accept offer(in days)	155	Notice Period	15
Percent Difference in CTC	12	Expirience(in years)	8
Submit			

Result:

## HR Analytics

Joining Prediction Form			
Age	Enter Age	LOB	AXON
Location	Ahmedabad	Candidate Source	Agency
Offered Band	E0	Candidate can relocate?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Gender	<input type="radio"/> Male <input type="radio"/> Female	Is Date of Joining Extended?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Duration to accept offer(in days)	Enter No. of days	Notice Period	Enter No. of days
Percent Difference in CTC	Enter % Hike difference	Expirience(in years)	Enter Years of Exp
Submit			

**Result: The candidate will not be joining the company.**

Form:

# HR Analytics

Joining Prediction Form			
Age	26	LOB	ERS ▾
Location	Ahmedabad ▾	Candidate Source	Employee Referral ▾
Offered Band	E1 ▾	Candidate can relocate?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Gender	<input type="radio"/> Male <input checked="" type="radio"/> Female	Is Date of Joining Extended?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Duration to accept offer(in days)	44	Notice Period	34
Percent Difference in CTC	43	Expiience(in years)	3 ▴ ▾
Submit			

Result:

# HR Analytics

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●
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Joining Prediction Form			
Age	Enter Age	LOB	AXON ▾
Location	Ahmedabad ▾	Candidate Source	Agency ▾
Offered Band	E0 ▾	Candidate can relocate?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Gender	<input type="radio"/> Male <input type="radio"/> Female	Is Date of Joining Extended?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Duration to accept offer(in days)	Enter No. of days	Notice Period	Enter No. of days
Percent Difference in CTC	Enter % Hike difference	Expierience(in years)	Enter Years of Exp
<input type="button" value="Submit"/>			

**Result: The candidate will be joining the company.**

The application file, static folder, templates folder and the pickle folder are attached in the zip folder