SKILL GAP ROADMAP

NAME: Surya

STATUS: Working professional

ASPIRING ROLE: Data Scientist

Skill	Self	Target	Gap	Suggestion
Python (Pandas/Numpy etc)	6	8	2	You are almost there... Just need a little more practice.
Machine Learning (Scikit-learn)	1	8	7	A lot of improvement is needed but nothing is impossible.
Statistics	5	8	3	You are almost there... Just need a little more practice.
Deep Learning	9	8	0	Woohoo! You're almost a legend here. You are all good to go but remember, there's always room for improvement.

Overall summary and recommendations

Summary of skills:

- Average self-rating: 5.25

- Skills below target: 3 (Python (Pandas/Numpy etc), Machine Learning (Scikit-learn), Statistics)

- Skills at or above target: 1 (Deep Learning)

Recommended next steps:

- Focus on improving Python (Pandas/Numpy etc), Machine Learning (Scikit-learn), Statistics first.

- Complete at least 2 practice projects in these areas within the next month.

- Re-assess your skill levels after completing these steps.

Personalized 3-Month Roadmap:

3-Month Roadmap:

Month 1:

- Study supervised and unsupervised algorithms with scikit-learn.

- Review core statistics: probability, regression, distributions.

Month 2:

- Build a machine learning model using scikit-learn.

- Learn neural networks basics and experiment with simple deep learning.

Month 3:

- Complete an end-to-end data science project.

- Document your workflow and prepare to present your findings.

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