



BitWith Bite



AI & MACHINE LEARNING WORKSHEET

Careers in AI & ML

Chapter: AI & Machine Learning · Level ★★★ ·
Time: 30 min

SCORE

___ / 20

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ Know the main AI/ML roles ✓ Skills per role ✓ Typical pipelines of work ✓ How to start building proof



Section A · Concept Check

• BEGINNER

4 × 1 = 4

- 1 Builds/serves models in production:

☐ A. ML engineer ☐ B. recruiter ☐ C. designer

☐ D. QA only
- 2 Explores data and builds insight/models:

☐ A. data scientist ☐ B. barista

☐ C. frontend dev ☐ D. DBA only
- 3 Maintains data pipelines/warehouses:

☐ A. data engineer ☐ B. painter ☐ C. SEO

☐ D. PM only
- 4 Best first proof of skill:

☐ A. portfolio projects ☐ B. certificates alone

☐ C. likes ☐ D. posts



Section B · Problem Solving

• INTERMEDIATE

2 + 3 × 3 = 11

- 5 Core language for ML work: _____
- 6 Data _____ build and clean the pipelines models depend on.
- 7 Match role to task: deploy model API; clean TB of logs; A/B analysis.

- 8 Three portfolio project ideas?

- 9 Why do employers value projects over certificates?



Section C · Challenge

• CHALLENGE

5

- 10 What is MLOps in one line?

🧠 Reflection — the most useful thing I learned: _____

A ___/4 B ___/11 C ___/5 Total ___/20

Teacher's Signature

Parent's Signature

🔗 ANSWER KEY — FOLD OR CUT BEFORE HANDING OUT

1-A 2-A 3-A 4-A | 5 Python 6 engineers 7 = ML engineer; data engineer; data scientist 8
= Prediction app, dataset analysis writeup, fine-tuned model demo 9 = They show real applied
ability end-to-end | 10 = DevOps for models - versioning, deployment, monitoring

