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| **주차별** **연수계획**  **(Weekly Plan)** | **구분**  **Week** | **세부 추진 내용**  **(Detailed Plan)** |
| **1** | o Python programming (Jupyter Notebooks, Pandas, NumPy)  o Data analysis projects (data cleaning, visualization) |
| **2** | o Essential mathematics for ML (probability, linear algebra, calculus),  o SQL |
| **3** | o Core algorithms: Linear Regression, Logistic Regression, Decision Trees, |
| **4** | o Implementation from scratch and with Scikit-learn |
| **5** | o Data preparation, exploratory analysis |
| **6** | o feature engineering, and model training |
| **7** | Deep Learning fundamentals, random forests, gradient boosting, SVMs |
| **8** | Deep Learning Advanced, CNN, Reinforced Learning |
| **9** | o Define a research problem, gather and process data, - DC Resistivity Exploration datasets |
| **10** | o train and evaluate models, - DC Resistivity Exploration datasets |
| **11** | o present results – KIGAM AI Platform |
| **12** | Final Report |