**Intro to ML Notes**

| **Cheatsheet** | [Supervised Learning.pdf](https://drive.google.com/file/d/11XbDwrOlCWZkIqYgJpuOYZWhczn37e5f/view?usp=drive_link) |
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| **Consolidated Notes - Docs** | [Intro to ML RevisionNotes.pdf](https://drive.google.com/file/d/1449liMzJbWrRuoIoECeaMnESFvwsDfrP/view?usp=drive_link) |
| **Consolidated Colab** | [IntroToMLModule.ipynb](https://colab.research.google.com/drive/1I7c_og1C0yPURTrJcwJAja_CzxddiGgQ?usp=sharing) |

| **Lecture Wise Notes** | | |
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| **Topic** | **Revision Doc** | **Colab** |
| **01-Intro to ML:** | [1-Notes \_ Intro to ML.pdf](https://drive.google.com/file/d/1u637uF6MVDyobIKGjv0Vp6IQmlOFmsgz/view?usp=drive_link) | [1-Notes- Intro to ML.ipynb](https://colab.research.google.com/drive/1ovsNaFr0hTAZ7AR8mPNswoqH0R6Yv035?usp=drive_link) |
| **02-LR-1** | [2-Notes \_ Linear Regression-1.pdf](https://drive.google.com/file/d/19CgAvFI7bPo54IYJgJ30-oerI-QZqiUr/view?usp=drive_link) | [Notes-LR1.ipynb](https://colab.research.google.com/drive/1OIC_8ZxJuClyvZNt0BGdVLOEA4XmRi4O?usp=drive_copy) |
| **03-LR-2** | [3-Notes \_ Linear Regression-2.pdf](https://drive.google.com/file/d/19sfq3aWNOvINhN4XrGM9Yhpz_23tPvOh/view?usp=drive_link) | [3-Notes-LR2.ipynb](https://colab.research.google.com/drive/1b3IPe7rARfZmlmJdPQ2yRSRfZhkYQ_Zb?usp=drive_link) |
| **04-LR-3** | [4-Notes \_ Linear Regression-3.pdf](https://drive.google.com/file/d/1PP1HTtEMrEYXPtxvUubdA898eRRn-9C2/view?usp=drive_link) | [4-Notes-LR-3.ipynb](https://colab.research.google.com/drive/1dpALxl5_v9ZN6wmA9fyXb6eG5OKrUWX9?usp=drive_link) |
| **05-LR-4** | [5-Notes \_ Linear Regression-4.pdf](https://drive.google.com/file/d/1JiOt2WR-NC_LXwrteojB21A3W5-TNX1B/view?usp=drive_link) | [5-Notes-LR-4.ipynb](https://colab.research.google.com/drive/15EZY5PuhGaCiqOcvSM90p4qOHba-nepz?usp=drive_link) |
| **06-PolyReg-BiasVariance** | [6-Notes \_ Polynomial Regression-Bias Variance.pdf](https://drive.google.com/file/d/1C3hZ3rkGBXJqo77vQEF6d6OZ3qcvx9DQ/view?usp=drive_link) | [6-PolyReg-BiasVariance.ipynb](https://colab.research.google.com/drive/1I0hysZrKUYBQM7xAcbe5kVEFBYjMneyV?usp=drive_link) |
| **07-Regularization-HyperparameterTuning** | [7-Notes \_ Regularization-Cross Validation.pdf](https://drive.google.com/file/d/1bzjWr9fWR8UHt0-wkiCqrMqPDg4zYthF/view?usp=drive_link) | [7-Regularisation-HyperparameterTuning-KFold.ipynb](https://colab.research.google.com/drive/1HyhWxlyKbUhZoMyz6UKe0L7EaaMQliA4?usp=drive_link) |
| **08-Logistic - 1** | [8-Notes \_ Logistic Regression-1.pdf](https://drive.google.com/file/d/1OV3baDfzqbT_FuSXeHsep5AJMAfybFzq/view?usp=drive_link) | [8-Notes-Logistic-1.ipynb](https://colab.research.google.com/drive/1dT263217MlnrY79RowXGOccc2QkOqdKm?usp=drive_link) |
| **09-Logistic - 2** | [9-Notes \_ Logistic Regression-2.pdf](https://drive.google.com/file/d/11WqKYUYJN-sCT32VwiYuYNXkiP84v6ak/view?usp=drive_link) | [9-Notes-Logistic-2.ipynb](https://colab.research.google.com/drive/1rzrDiwA8N_2J-QL8d4VkZ7D_vV2mahm8?usp=sharing) |
| **10-Classification-Metrics-1-Notes** | [10-Notes \_ Classification Metrics-1.pdf](https://drive.google.com/file/d/1jX-Ej3pZOq_j_fGxr3--WbuSlAMQHxqf/view?usp=drive_link) | [10-Classification-Metrics-1-Notes.ipynb](https://colab.research.google.com/drive/1uVkoWMU1wewsWh8eimVgdC118uSUzLMR?usp=drive_link) |
| **11-Classification-Metrics-2+Imbalanced-Notes** | [11-Notes \_ Classification Metrics-2.pdf](https://drive.google.com/file/d/1Ej_OpZZWHPPXAJu7rTV0mjsBuO2x5zsE/view?usp=drive_link) | [11-Notes-CM2-Imbalanced.ipynb](https://colab.research.google.com/drive/1ccnNQe_q4KNwVM-OEor12zhCv98BSpoH?usp=sharing) |

| **Topic** | **Class Notes** | **Class Colab** |
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| **01-Intro to ML:** |  |  |
| **02-LR-1** | [**LinearRegressionJan25**](https://colab.research.google.com/drive/1nhp23su6TUXDXYThgkr8Dio1pLkHEBCJ?usp=sharing#scrollTo=PKlAvUKY0FPQ) |  |
| **03-LR-2** |  |  |
| **04-LR-3** |  |  |
| **05-LR-4** |  |  |
| **06-PolyReg-BiasVariance** |  |  |
| **07-Regularization-HyperparameterTuning** |  |  |
| **08-Logistic - 1** |  |  |
| **09-Logistic - 2** |  |  |
| **10-Classification-Metrics-1-Notes** |  |  |
| **11-Classification-Metrics-2+Imbalanced-Notes** |  |  |