System Requirements

| **Component** | **Specification** |
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| * **OS** | Windows 10 / Ubuntu 18.04+ / macOS Catalina+ |
| * **CPU** | Dual-core Intel i3 / AMD Ryzen 3 or equivalent |
| * **RAM** | 4 GB (8 GB recommended) |
| * **Storage** | At least 4 GB free space |
| * **Display** | 720p resolution or higher (for Streamlit UI) |
| * **Python** | Version 3.8 – 3.11 |
| * **Internet** | Required for downloading libraries and model training datasets |

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| **Required python libraries**   * **tensorflow** * **keras** * **numpy** * **pandas** * **matplotlib** * **seaborn** * **streamlit** * **scikit-learn** |  |