MODULE 0 : TRAINING INTRODUCTION

PREPARED BY:

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MACHINE VISION WITH RASPI
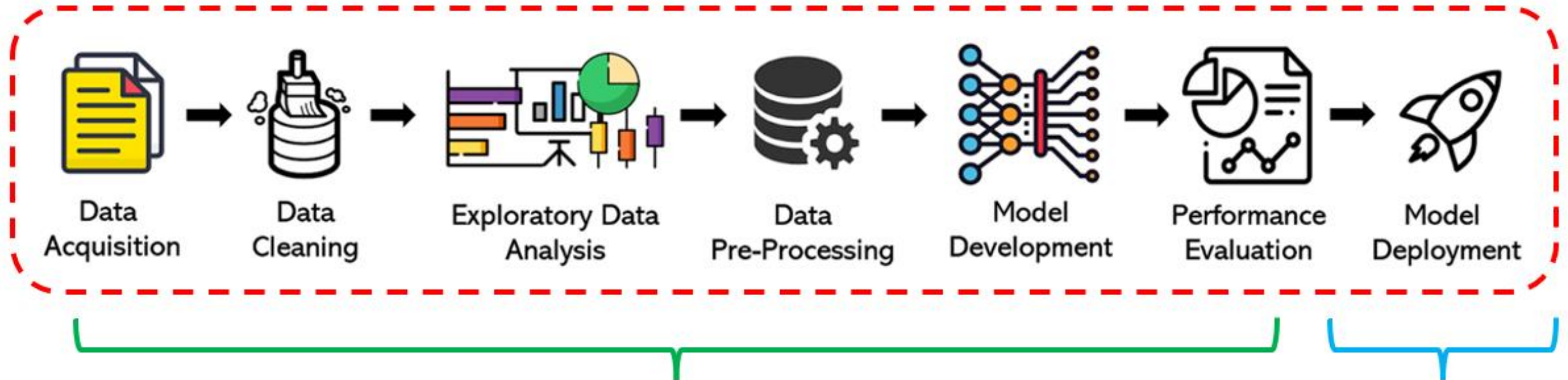## (Level, Requirement and Learning Outcomes)

LEVEL : Beginner

REQUIREMENT : Basic Machine Vision, Computer Literacy, Python

Learning Outcome (LO)	Description (Upon of this module, trainees should be able to:)	T & L Method
LO 1	Understand process flow in Machine Vision	Theory
LO 2	Understand basic setup of Raspberry Pi for Machine Vision Project	Theory, Hands-On
LO 3	Able to deploy Machine Vision model on Raspberry Pi	Theory, Hands-On

MODULE STRUCTURE

MODULE 3 – DEPLOYING MACHINE VISION MODEL ON RASPBERRY PI

MODULE 1 – OVERVIEW OF MACHINE VISION

MODULE 2 OVERVIEW OF RASPBERRY PI

TRAINING SCHEDULE & CONTENT

TIME	MODULE	CONTENT	LEARNING OUTCOME (LO)	METHOD	DURATION (HOURS)
2.30PM – 2.40PM	Module 0	o Level, Requirement, Learning Outcomes			10 MINS
2.40PM – 2.50PM	Module 1	o Overview of Machine Vision o Machine Vision Application	LO 1	Theory	10 MINS
2.50PM – 3.00PM	Module 2	o Overview of Raspberry Pi o Raspberry Pi Configuration	LO 2	Theory Hands-On	10 MINS
3.00PM – 5.00PM	Module 3	o Headless Raspberry Pi o Enabling VNC o Creating Virtual Environment o Deploying Machine Vision Model	LO 3	Theory Hands-On	2 HOURS