

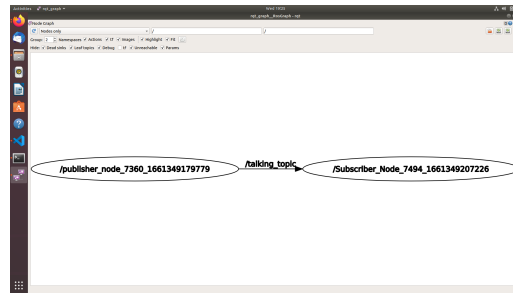
1 Introduction

this is a section referncing table and figure 1.1 1.2 here is some text

1.1 Table

1st Column	2nd Column	3rd Column
a	b	c
d	e	f

from 2022-08-24 19-25-33.png



1.2 Levels of AV

- Level 0 (L0): No automation
- Level 1 (L1): Advanced Driver Assistance Systems (ADAS)
- Level 2 (L2): Now both steering and acceleration are simultaneously handled by the autonomous system.
- Level 3 (L3): Conditional automation
- Level 4 (L4): These systems have high automation and can fully drive themselves under certain conditions. The vehicle won't drive if not all conditions are met.
- Level 5 (L5): Full automation

1. SLAM
2. Path planning and controls
3. Perception