Introduction

* Background and rationale for the research topic
* Brief overview of the current state of knowledge on the topic
* Research questions and objectives
* Significance and potential impact of the study
* Overview of the structure of the thesis

Literature Review

* Definition and types of air pollution Particulate matter (PM 2.5, PM 10) (PM), Nitrogen oxides (NOx), Sulfur oxides (SOx), Ozone (O3), Carbon monoxide (CO)`
* Sources and levels of air pollution in different settings
* Respiratory and cardiac health effects of air pollution across age and gender- relationship
* Factors that influence the susceptibility and vulnerability of different age and gender groups to air pollution
* Methods and strategies for measuring and monitoring air pollution and health effects
* Overview of the gaps and limitations in the current literature

Objective

* The main objective of the thesis
* Specific research questions and hypotheses
* Methodology and study design
* Expected outcomes and contributions to knowledge