

Lung Cancer

Lung cancer	Outline	Introduction	Motivation	Metadata	Questions	Chart for causes	Chart for symptoms
-------------	---------	--------------	------------	----------	-----------	------------------	--------------------

Lung Cancer



Lung Cancer

Lung cancer	Outline	Introduction	Motivation	Metadata	Questions	Chart for causes	Chart for symptoms
-------------	---------	--------------	------------	----------	-----------	------------------	--------------------

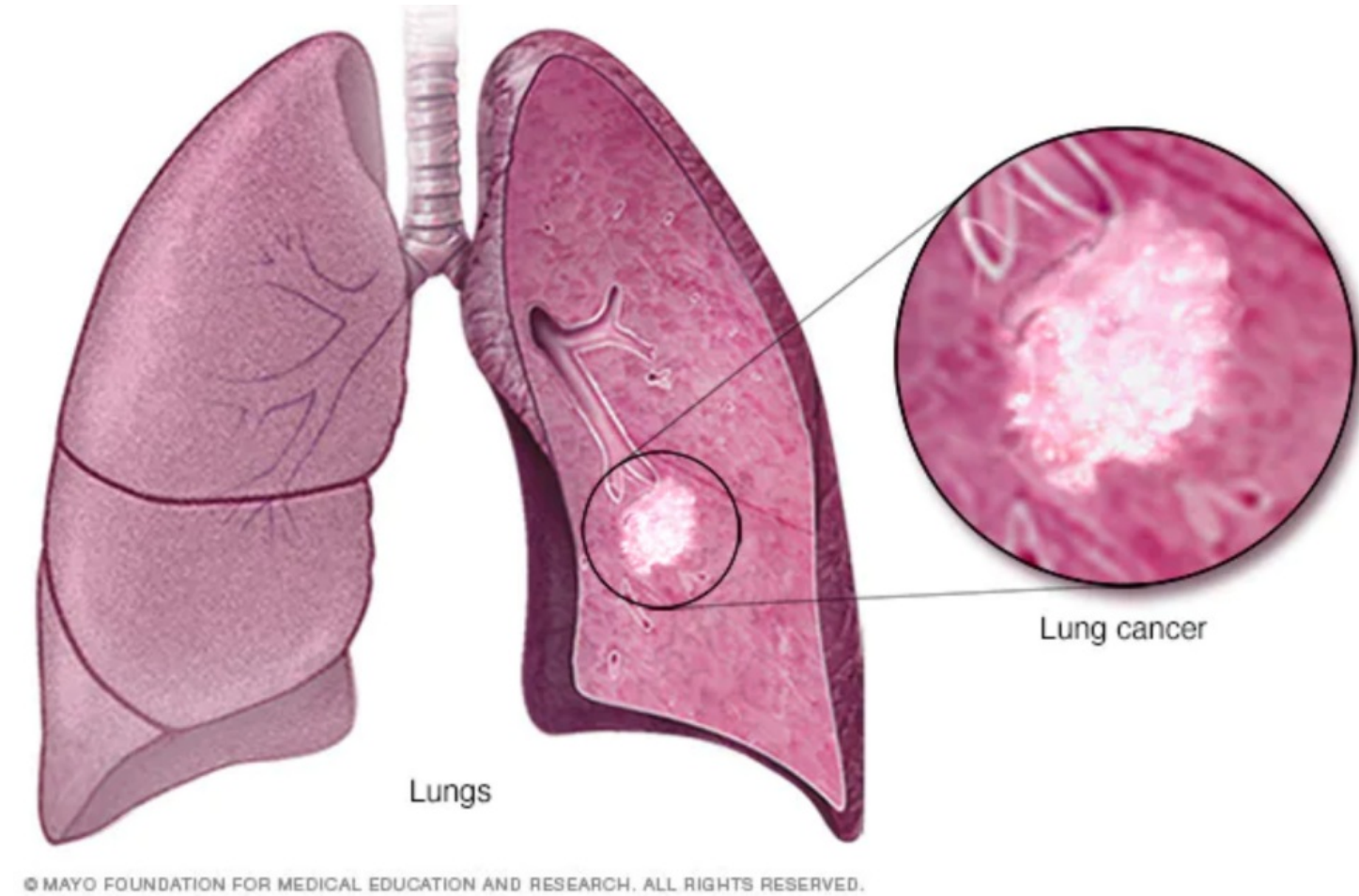


Outline

- 1. Introduction
- 2. Motivation
- 3. Metadata
- 4. Causes of lung cancer
- 5. Symptoms of lung cancer
- 6. Analysis and facts
- 7. Lung cancer in age groups

Lung Cancer

Lung cancer	Outline	Introduction	Motivation	Metadata	Questions	Chart for causes	Chart for symptoms
-------------	---------	--------------	------------	----------	-----------	------------------	--------------------



Originating within the lungs, and its development is the result of cells within the body. Smoking is a primary cause, but exposure to air pollution is also a risk factor

Lung Cancer

Lung cancer	Outline	Introduction	Motivation	Metadata	Questions	Chart for causes	Chart for symptoms
-------------	---------	--------------	------------	----------	-----------	------------------	--------------------



Motivation

Since the world pandemic COVID-19 we are concern about respiratory affliction, we wanted to know how to maintain a good health.

Lung Cancer

Lu n..	Outline	Introduction	Motivation	Metadata	Questions	Chart for causes	Chart for symptoms	Inter esti..
-----------	---------	--------------	------------	----------	-----------	------------------	--------------------	-----------------

Fields	Data type	Description
Age	Numeric	The age of the patient
Gender	Categorical	The gender of the patient
Air Pollution	Categorical	The level of air pollution exposure of the patient
Alcohol use	Categorical	The level of alcohol use of the patient
Dust Allergy	Categorical	The level of dust allergy of the patient
Occupational Hazards	Categorical	The level of occupational hazards of the patient
Genetic Risk	Categorical	The level of genetic risk of the patient.
chronic lung disease	Categorical	The level of chronic lung disease of the patient.
Balanced Diet	Categorical	The level of balanced diet of the patient.
Obesity	Categorical	The level of obesity of the patient.
Smoking	Categorical	The level of smoking of the patient.
Passive Smoker	Categorical	The level of passive smoker of the patient.
Chest Pain	Categorical	The level of chest pain of the patient.
Coughing of Blood	Categorical	The level of coughing of blood of the patient.
Fatigue	Categorical	The level of fatigue of the patient.
Weight Loss	Categorical	The level of weight loss of the patient.
Shortness of Breath	Categorical	The level of shortness of breath of the patient.
Wheezing	Categorical	The level of wheezing of the patient.
Swallowing Difficulty	Categorical	The level of swallowing difficulty of the patient.
Clubbing of Fingernails	Categorical	The level of clubbing of fingernails of the patient.

Lung Cancer

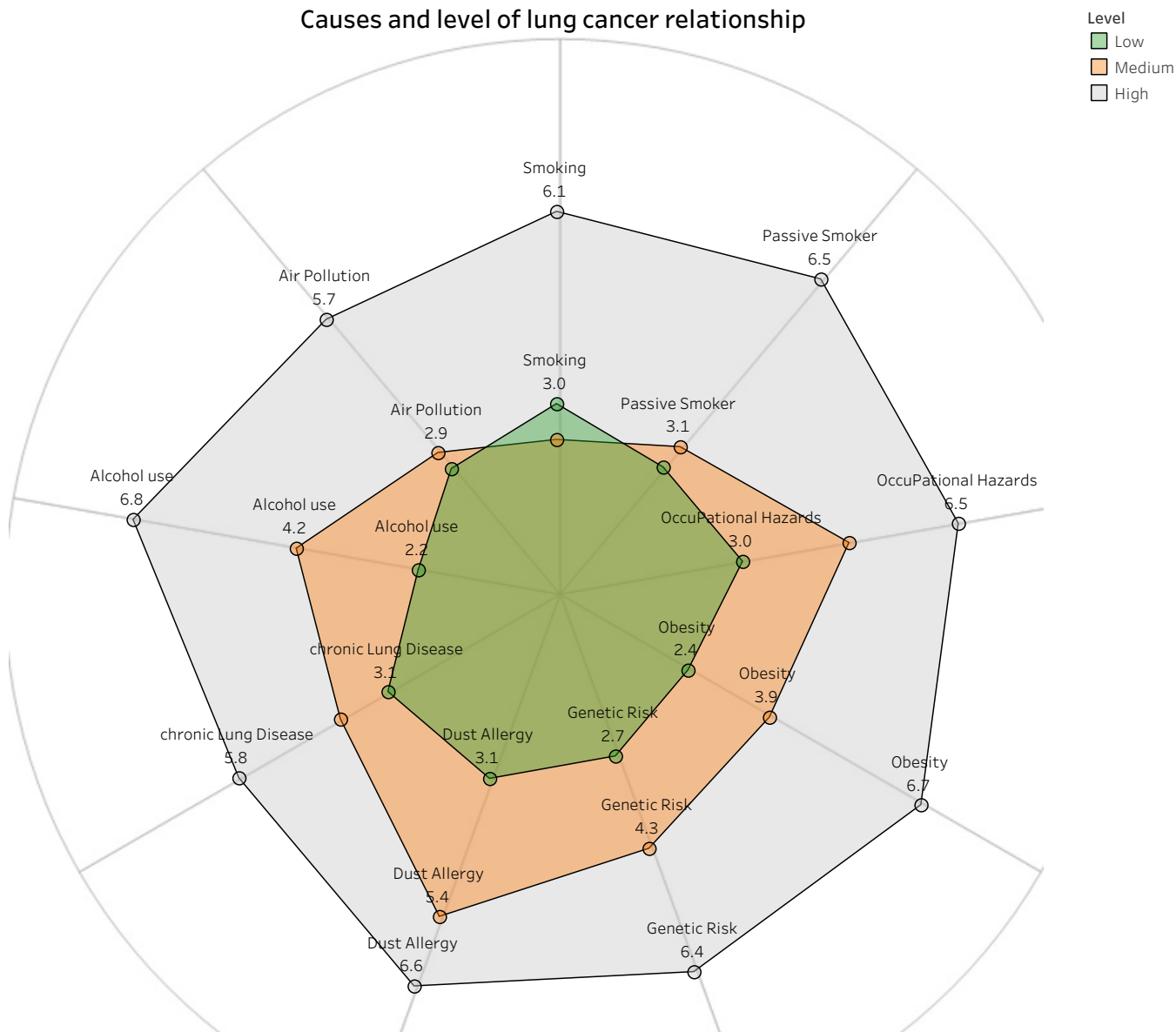
Out..	Introduction	Motivation	Metadata	Questions	Chart for causes	Chart for symptoms	Interesting Facts	Age
-------	--------------	------------	----------	-----------	------------------	--------------------	-------------------	-----

Questions

1. What are the causes of lung cancer?
2. What symptoms are related to lung cancer?
3. Which age group has most lung cancer patients?

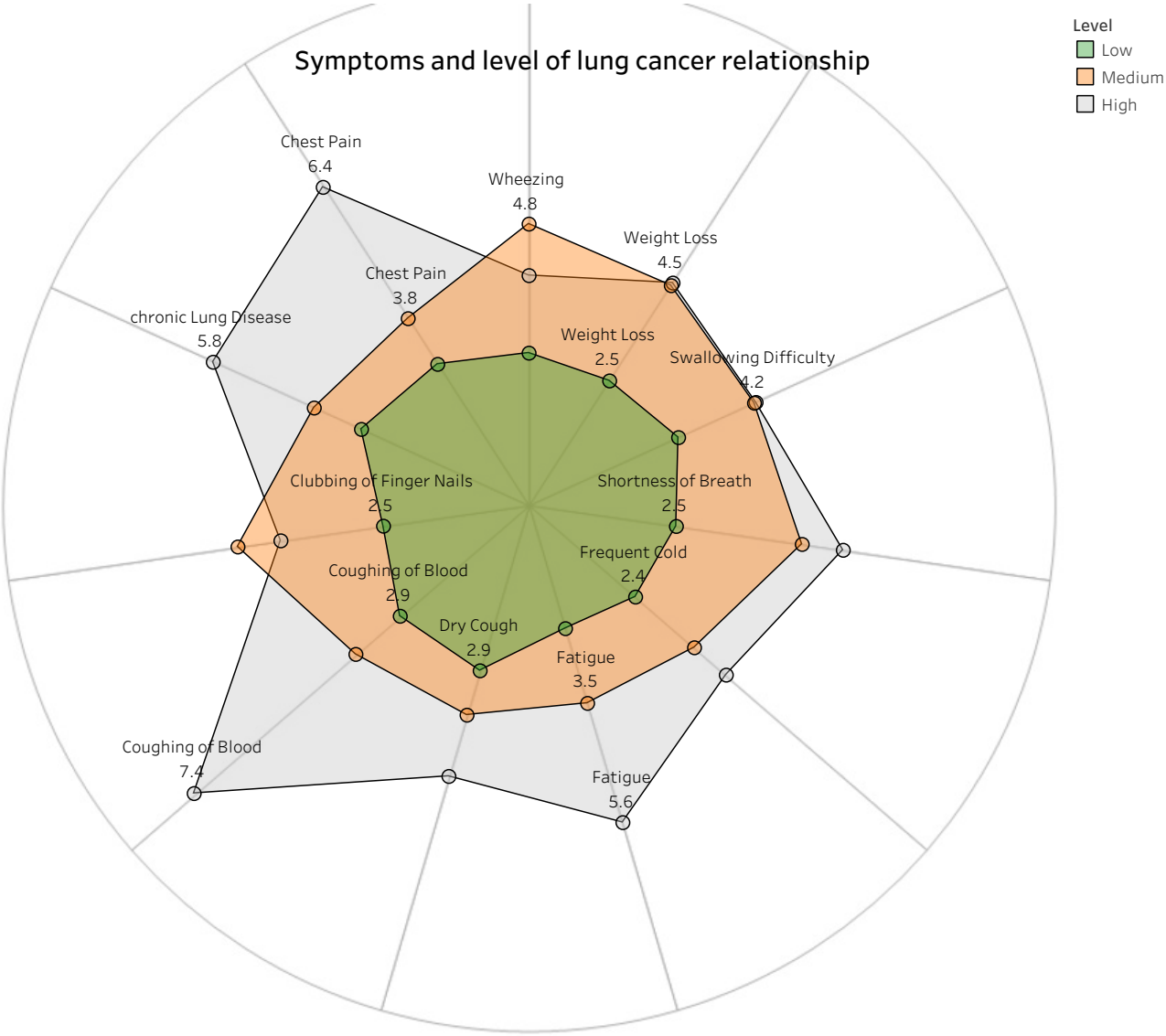
Lung Cancer

In t..	Motivation	Metadata	Questions	Chart for causes	Chart for symptoms	Interesting Facts	Age	Caus es (..
--------	------------	----------	-----------	------------------	--------------------	-------------------	-----	-------------



Lung Cancer

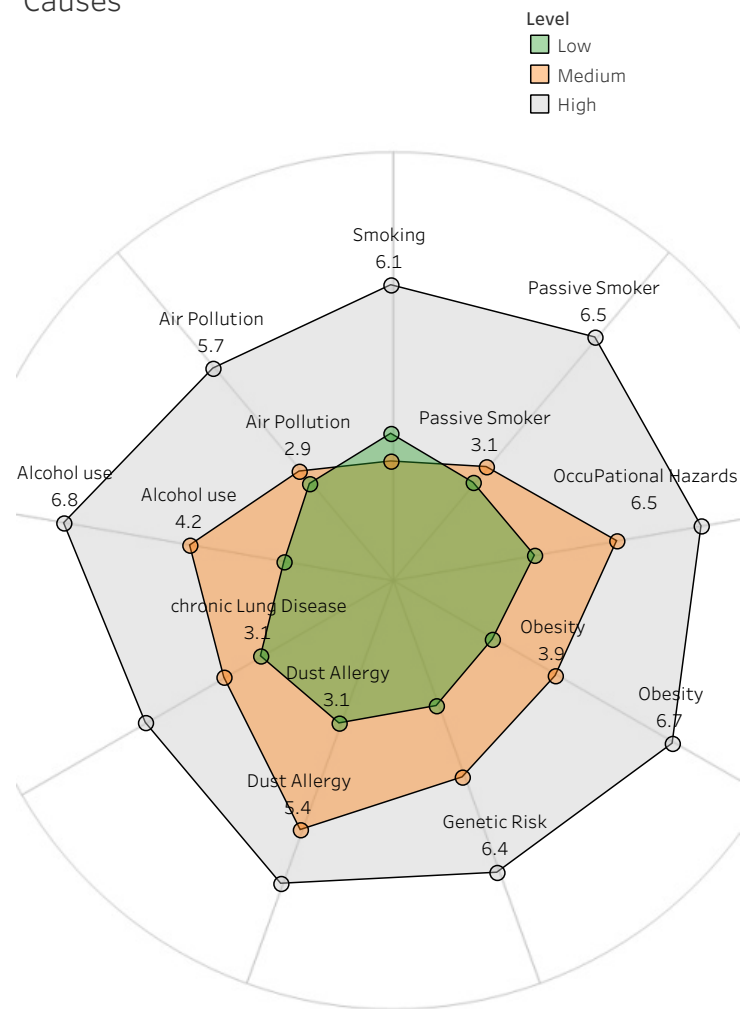
M o..	Metadata	Questions	Chart for causes	Chart for symptoms	Interesting Facts	Age	Causes (age)	Symp tom..
-------	----------	-----------	------------------	--------------------	-------------------	-----	--------------	------------



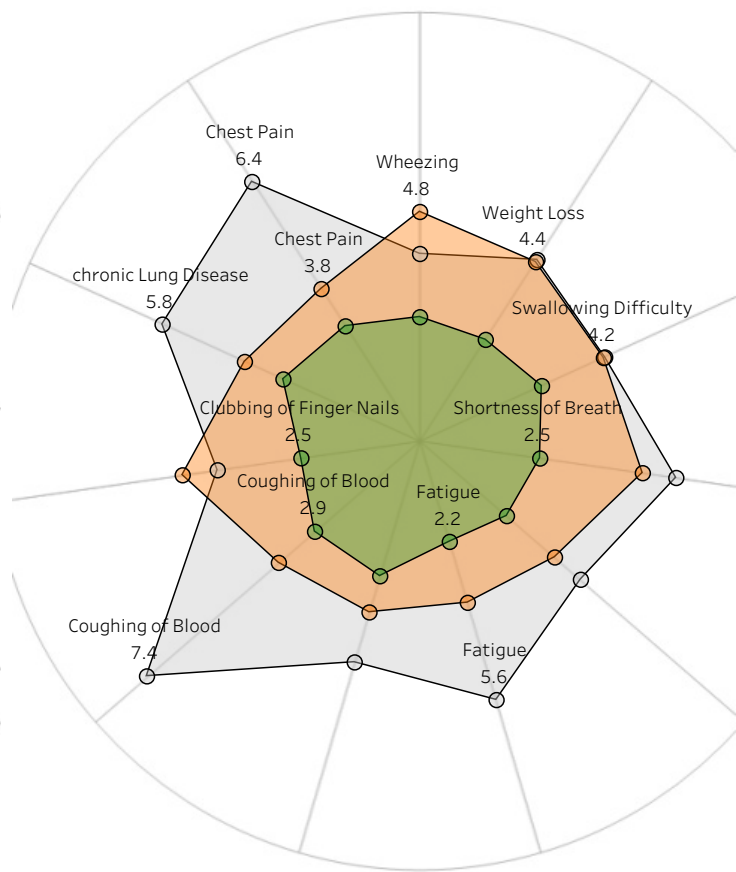
Lung Cancer

M e..	Questions	Chart for causes	Chart for symptoms	Interesting Facts	Age	Causes (age)	Symptoms (Age)	Concl usion
-------	-----------	------------------	--------------------	-------------------	-----	--------------	----------------	-------------

Causes

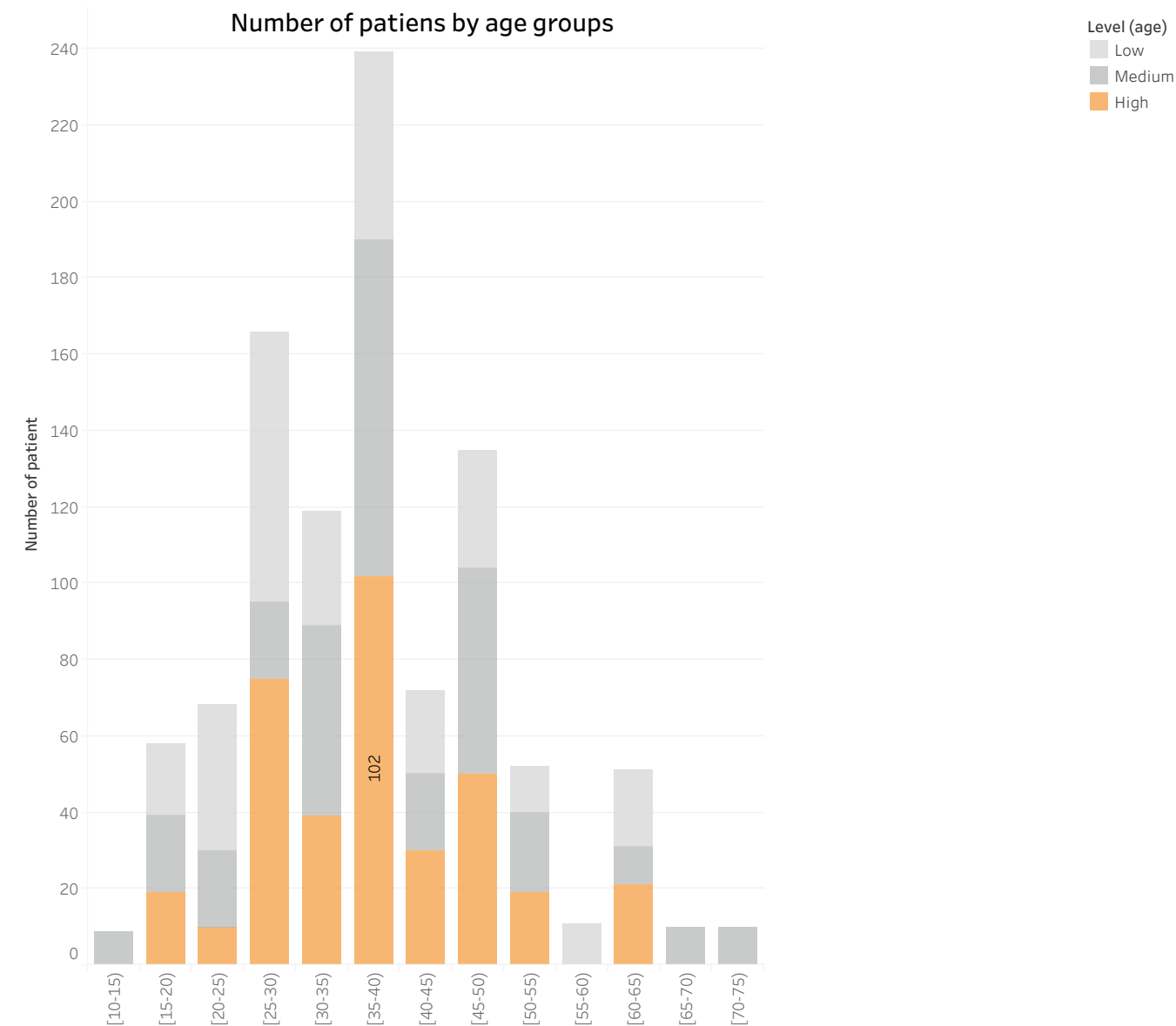


Symptoms



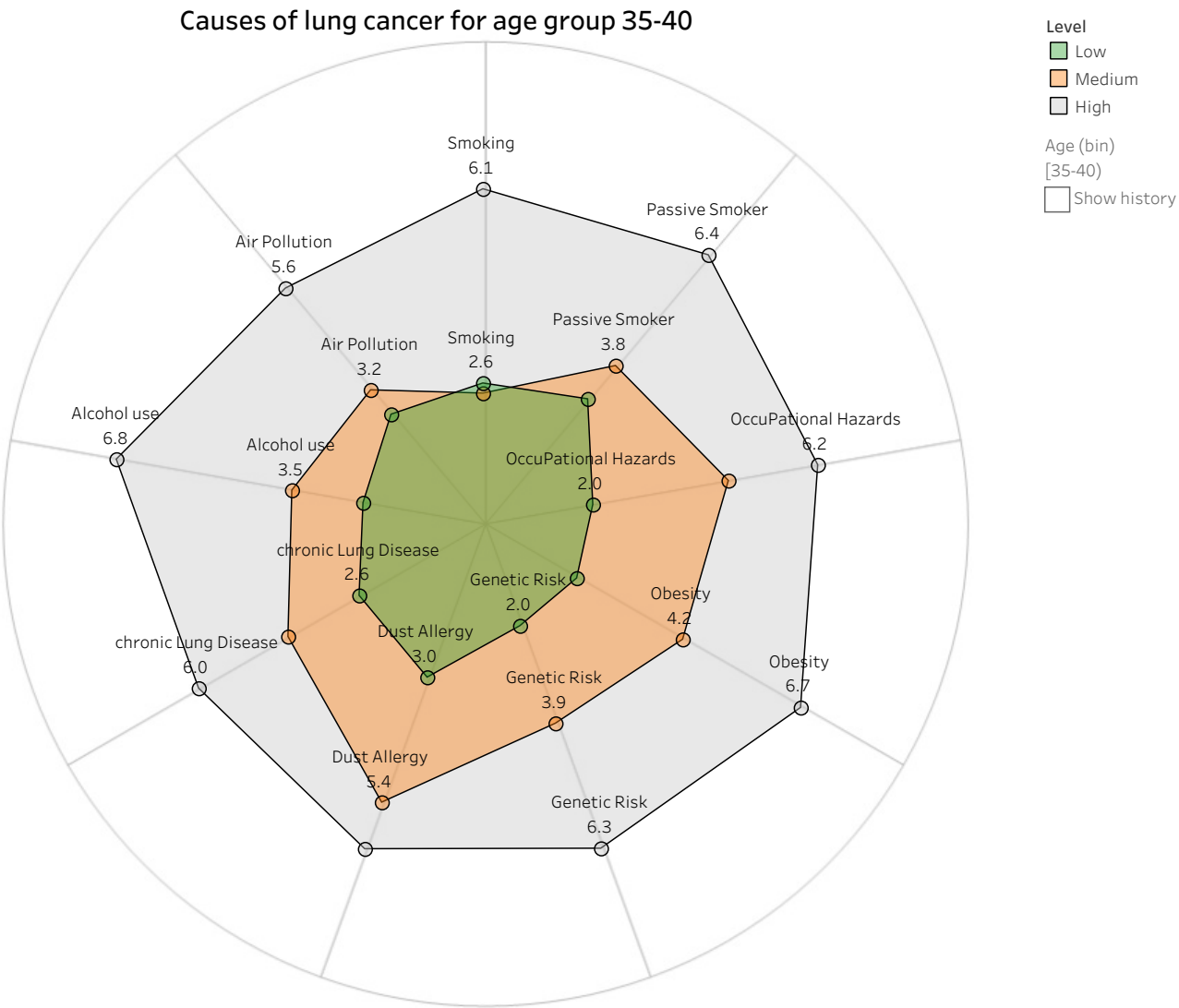
Lung Cancer

Questions	Chart for causes	Chart for symptoms	Interesting Facts	Age	Causes (age)	Symptoms (Age)	Conclusion
-----------	------------------	--------------------	-------------------	-----	--------------	----------------	------------



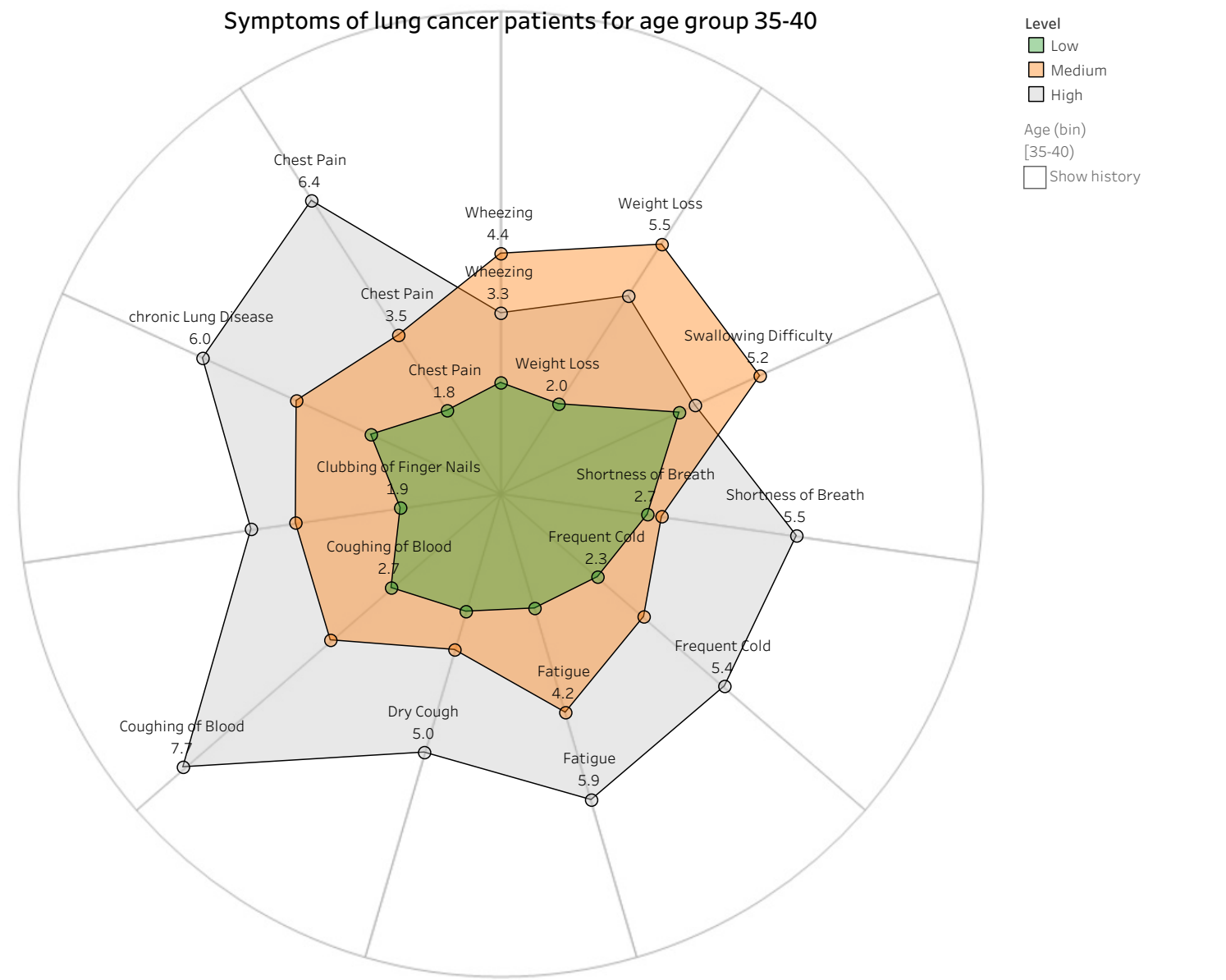
Lung Cancer

Questions	Chart for causes	Chart for symptoms	Interesting Facts	Age	Causes (age)	Symptoms (Age)	Conclusion
-----------	------------------	--------------------	-------------------	-----	--------------	----------------	------------



Lung Cancer

Questions	Chart for causes	Chart for symptoms	Interesting Facts	Age	Causes (age)	Symptoms (Age)	Conclusion
-----------	------------------	--------------------	-------------------	-----	--------------	----------------	------------



Lung Cancer

Questions	Chart for causes	Chart for symptoms	Interesting Facts	Age	Causes (age)	Symptoms (Age)	Conclusion
-----------	------------------	--------------------	-------------------	-----	--------------	----------------	------------

Conclusion

*High risk for age group 35-40

*Smoking

*Occupational Hazzard

*Air pollution

*Symptoms:

*Coughing blood

*Fatigue

*Chest pain

*Chronic Lung diseases

The combinations of that type of lifestyle and presenting these main symptoms are a indicators of lung cancer. Go to the doctor frequently.