

Week 7: Deliverables

Team member's details :

Group Name - Chandni

Name – Chandni

Email – cpatel521351@hotmail.com

Country – United Kingdom

College/Company – NA

Specialization - Data Science

[Problem description](#) - ABC is a pharma company who wants to understand the persistency of drug as per the physician prescription for the patient. To solve this problem ABC pharma company approached us to automate the process of identification for the drug.

[Business understanding](#) - The pharma company ABC wants to understand about the persistency of a drug for a patient. We will examine a dataset of patients who have NTM. There is a range of features which we will use to predict medical persistence in patients

Nontuberculous mycobacterial (NTM) lung disease is a serious infection caused by bacteria that are common in the environment and can cause lung damage. They are aerosolized, which means that the bacteria can exist in water and soil particles that are in the air.

NTM lung disease can make you sick and cause you to experience symptoms, like coughing, fatigue, and shortness of breath

Everyone comes into contact with NTM bacteria during their daily lives. However, not everyone is at risk of getting NTM lung disease. Those with underlying lung conditions like bronchiectasis, COPD, and asthma are at greater risk.

Project Lifecycle

TASK	5th September	12th September	19th September	26th September	3rd October	10th October	15th October
Week 7							
Week 8							
Week 9							
Week 10							
Week 11							
Week 12							
Week 13							

Data intake report

Name: Data Science: Healthcare – Persistency of a drug

Report date: 5th September 2021

Internship Batch: LISUM02

Version: 1.0

Data intake by: Team - Chandni

Data intake reviewer: Chandni

Data storage location: <https://github.com/c5678/healthcare>

Tabular data details:

Total number of observations	3424
Total number of files	1
Total number of features	26
Base format of the file	.xlsx
Size of the data	899 KB