



## Session 4

### Assignment 7 Question

# *Session 4: Assignment 7*

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## 1. Introduction

This assignment will help you to consolidate the concepts learnt in the session.

## 2. Problem Statement

### **Problem Statement 1:**

Blood glucose levels for obese patients have a mean of 100 with a standard deviation of 15. A researcher thinks that a diet high in raw cornstarch will have a positive effect on blood glucose levels. A sample of 36 patients who have tried the raw cornstarch diet have a mean glucose level of 108. Test the hypothesis that the raw cornstarch had an effect or not.

**Note: Solution submitted via github must contain all the detailed steps.**

## 3. Output

N/A