



Bookmarks

► Introduction

▼ 1. Probability and Inference

Introduction to Probability (Week 1)

Exercises due Sep 22, 2016 at 02:30 IST

**Probability Spaces and Events (Week 1)**

Exercises due Sep 22, 2016 at 02:30 IST

**Random Variables (Week 1)**

Exercises due Sep 22, 2016 at 02:30 IST

**Jointly Distributed Random Variables (Week 2)**

Exercises due Sep 29, 2016 at 02:30 IST

**Conditioning on Events (Week 2)**

Exercises due Sep 29, 2016 at 02:30 IST



1. Probability and Inference > Homework 3 (Week 4) > Homework Problem: Consecutive Sixes



Bookmark

Homework Problem: Consecutive Sixes

(10 points possible)


On average, how many times do you have to roll a fair six-sided die before getting two consecutive sixes?

Hint: Use total expectation.


42

*You have used 3 of 5 submissions*


Homework 1 (Week 2)

Homework due Sep 29, 2016 at
02:30 IST 


**Inference with Bayes'
Theorem for Random
Variables (Week 3)**

Exercises due Oct 06, 2016 at
02:30 IST 


**Independence Structure
(Week 3)**

Exercises due Oct 06, 2016 at
02:30 IST 


Homework 2 (Week 3)

Homework due Oct 06, 2016 at
02:30 IST 


**Notation Summary (Up
Through Week 3)****Mini-project 1: Movie
Recommendations (Weeks 3
and 4)**

Mini-projects due Oct 13, 2016 at
02:30 IST 

**Decisions and Expectations
(Week 4)**

Exercises due Oct 13, 2016 at
02:30 IST 

**Measuring Randomness
(Week 4)**

Exercises due Oct 13, 2016 at
02:30 IST 

Towards Infinity in Modeling**Uncertainty (Week 4)**

Exercises due Oct 13, 2016 at
02:30 IST

**Homework 3 (Week 4)**

Homework due Oct 13, 2016 at
02:30 IST



© All Rights Reserved



© 2016 edX Inc. All rights reserved except where noted. EdX, Open edX and the edX and Open EdX logos are registered trademarks or trademarks of edX Inc.

POWERED BY
OPENedX®

