SCHAEFFLER BETABOX LEARNING

ANALYTICS HACKATHON
Hosted by the Darla Moore School of Business
Data Lab & Operations and Supply Chain Center
In collaboration with the College of Engineering and Computing

UofSC Darla Moore School of Business

Nov. 12 – Pre-Competition Kick-Off Meeting DMSB 111
Nov. 23 3:00 – 9:00 pm & Nov. 24, 8:30 am – 2:30 pm - Hackathon Event, DMSB

"Rethinking Inventory Optimization with Data Analytics"
Sponsored by Schaeffler, USA and BetaBox

Hi Gamecocks,
The Darla Moore School of Business Data Lab and its Operations and Supply Chain Center are now accepting applications for the Schaeffler and Betabox sponsored Analytics Hackathon in collaboration with the College of Engineering & Computing. **Students must apply online by November 1, 9:00 pm!**
We will select 20-30 eager and data driven students to participate in this competition from all disciplines and place students on multidisciplinary teams. This is an excellent opportunity to hone your analytics, problem solving and team skills. **The winning team will receive a $1,000 prize to be split among team members. The second prize winning team will receive a cash prize of $500**

The Schaeffler Betabox hackathon will challenge students to develop an innovative and self-adjusting inventory process for finished goods, components, and raw materials for Schaeffler USA, Fort Mill, SC---a global automotive and industrial supplier whose success is built upon unsurpassed quality, outstanding technology and a singular innovative ability. Betabox is a unique organization that believes that guided hands-on learning is the fastest way to deeply master new skills. They create hands-on learning Quests that mix hands-on kits with online learning resources.

What does this event entail? Students selected for the competition are required to attend a Kick-off on **Nov. 14** and the Data Hackathon on **Nov. 22-23. Details**

below.

Hackathon Goal: To right size inventory levels at Schaeffler and reduce holding costs and maximize cash flow.   Reviewing the effectiveness of the current replenishment processes and the inventory needs of Schaeffler through data analysis and identify potential improvements in lowering inventory levels while maintaining or improving service levels.

Data Hackathon Events:

Event	Time	Description	Location
Pre-Event Kick-off Meeting	**Thursday Nov. 14** 8:00pm – 9:00pm	Students receive competition rules, the data, the judging rubric and a mandatory PP slide template for their final presentation.	DMSB 111
Data Hackathon Competition	**Friday Nov. 22** 3:00pm – 9:00pm	Schaeffler and Betabox will introduce the hackathon challenge and provide background information. Teams will be mentored by professionals in these organizations and graduate students at the event.	DMSB Room 111
Data Hackathon Competition	**Saturday Nov. 23**	All teams give a presentation to the judges. After that, the top 5 will teams will present to select the winning teams. A networking event will be conducted at the end.	DMSB 109

Application Instructions

Sophomores, juniors and seniors in the **Darla Moore School of Business (DMSB) and the College of Engineering and Computing (CEC)** across all majors are eligible to apply.

Applications are due on **Friday, November 1 by 11:59 PM**. In addition to completing the online application, please attach your resume to the application. Go to https://forms.gle/jm5LKow1N24BjhEG9

You must log into your Gmail account to upload your resume with your

application.

Questions?

Please contact Linda Oldham at linda.oldham@moore.sc.edu with any questions or for more information about this event.