

# UGANDA CHRISTIAN UNIVERSITY

A Centre of Excellence in the Heart of Africa

## FACULTY OF ENGINEERING DESIGN AND TECHNOLOGY

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COURSE: BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCS)

COURSE UNIT: DATA SCIENCE DSC2103

LECTURER: DR. DAPHNE NYACHAKI BITALO

(PhD GENETICS AND BIOINFORMATICS)

### QUESTION 3:

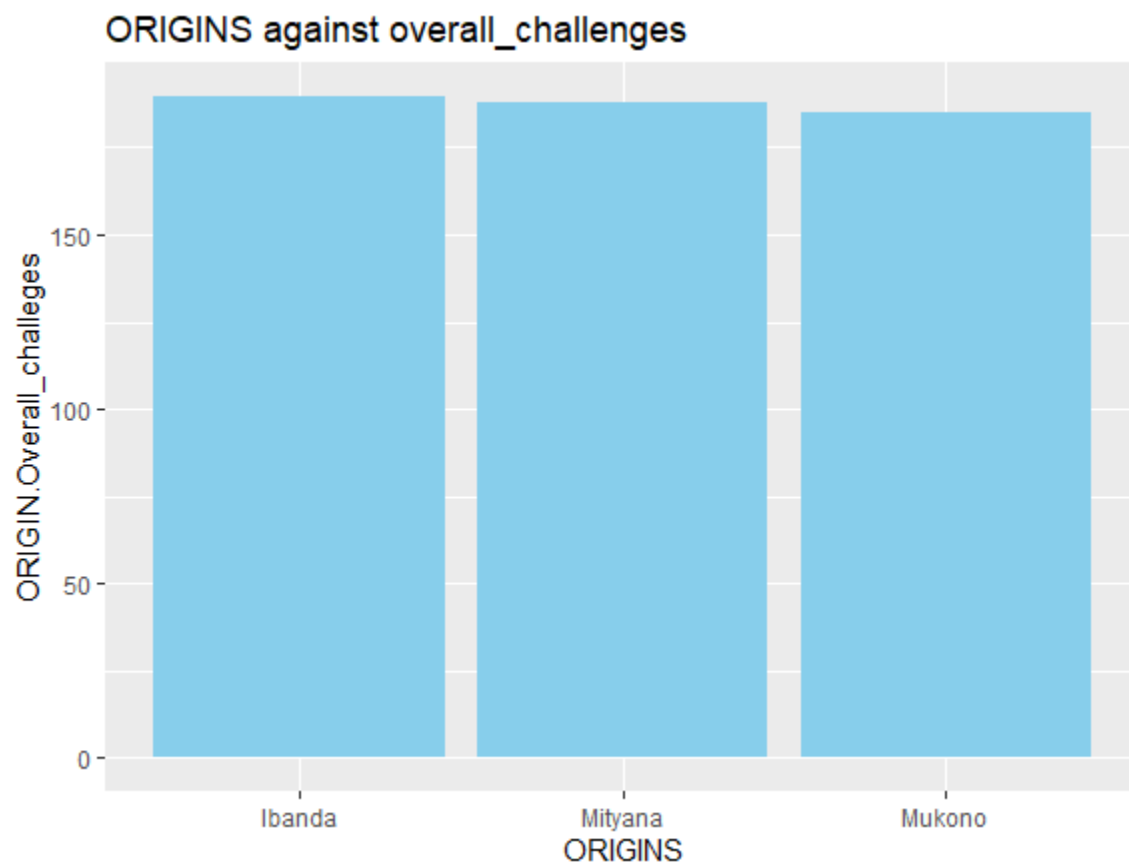
#### RESULTS OF THE CODES:

##### Overall challenges

Summation of all the challenges as per the given file against the origins

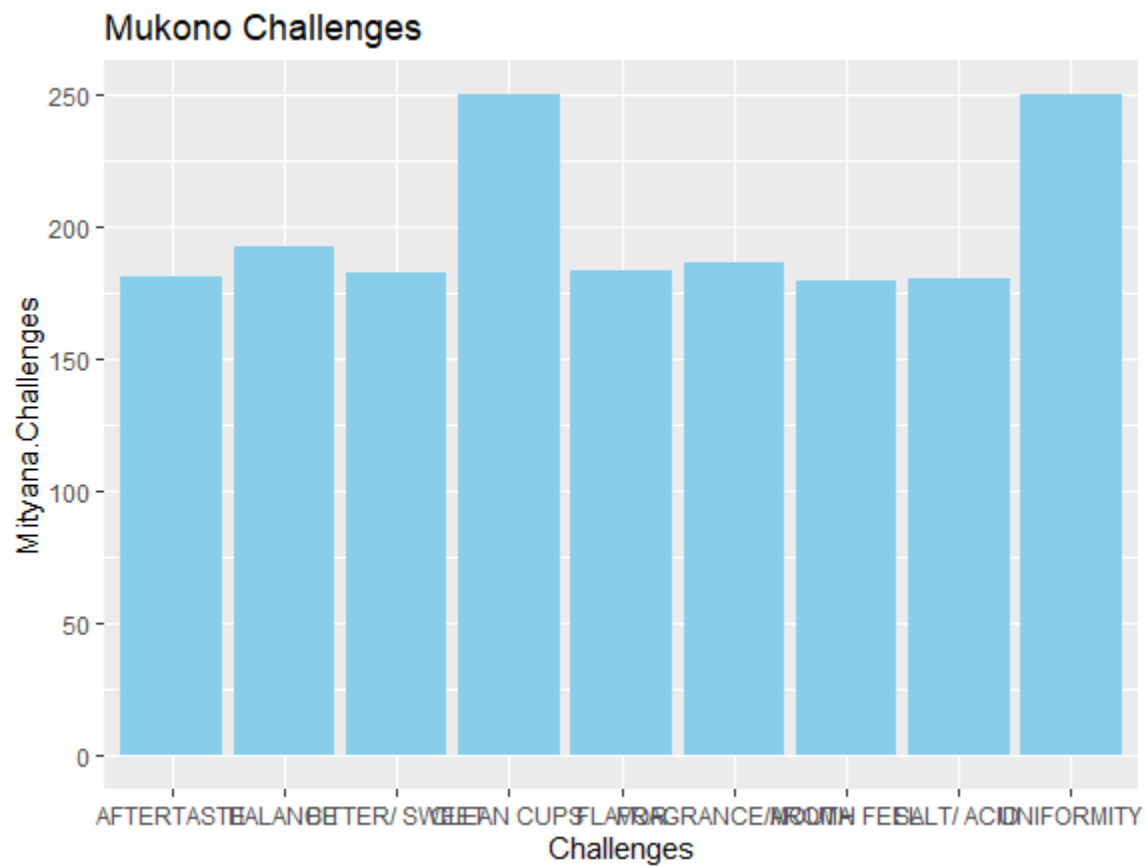
ORIGNS	Origin.Overall_challenges
Mityana	188.10
Mukono	189.75
Ibanda	185.06

Graphical representation of the above data



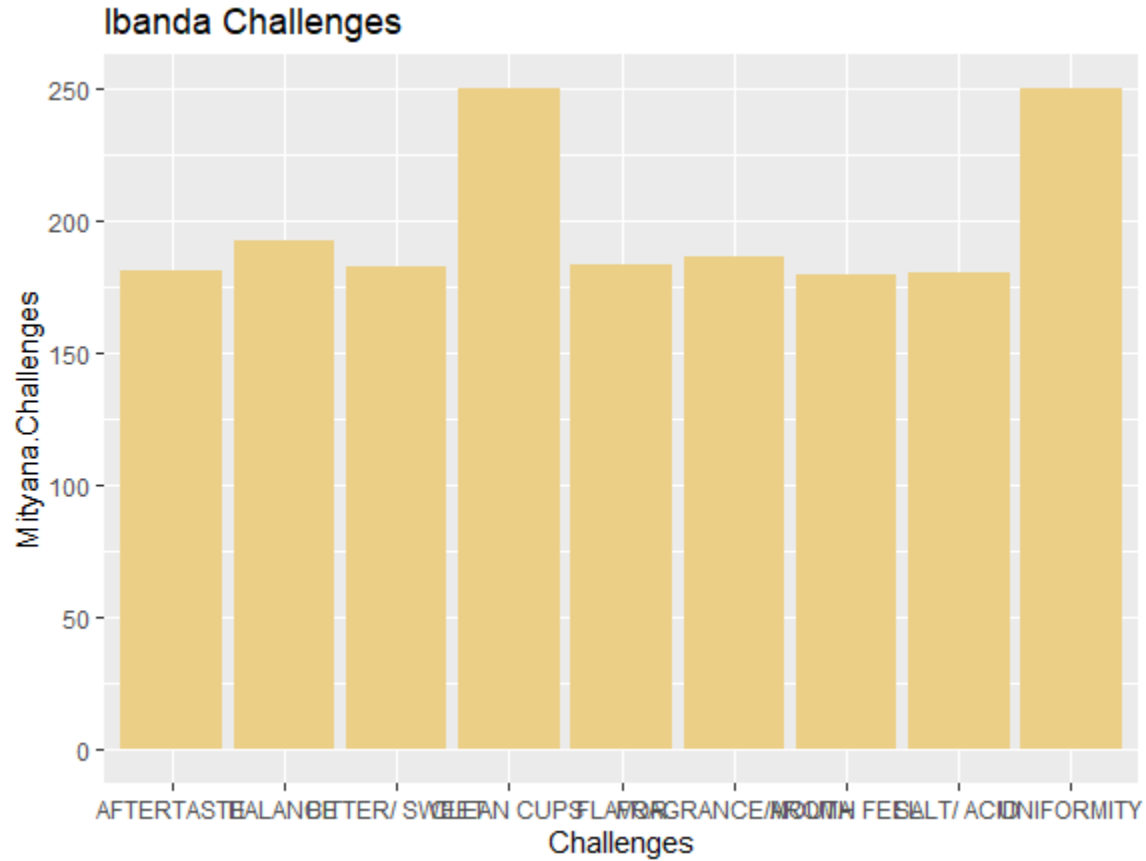
EXAMINING ALL THE PROVIDED COFFEE CHALLENGES IN MUKONO DISTRICT

Challenges	Mukono.Challenges
FRAGRANCE/AROMA	182.40
FLAVOR	183.10
SALT/ ACID	177.50
BITTER/ SWEET	180.75
AFTERTASTE	181.50
MOUTH FEEL	181.00
BALANCE	192.25
UNIFORMITY	250.00
CLEAN CUPS	250.00



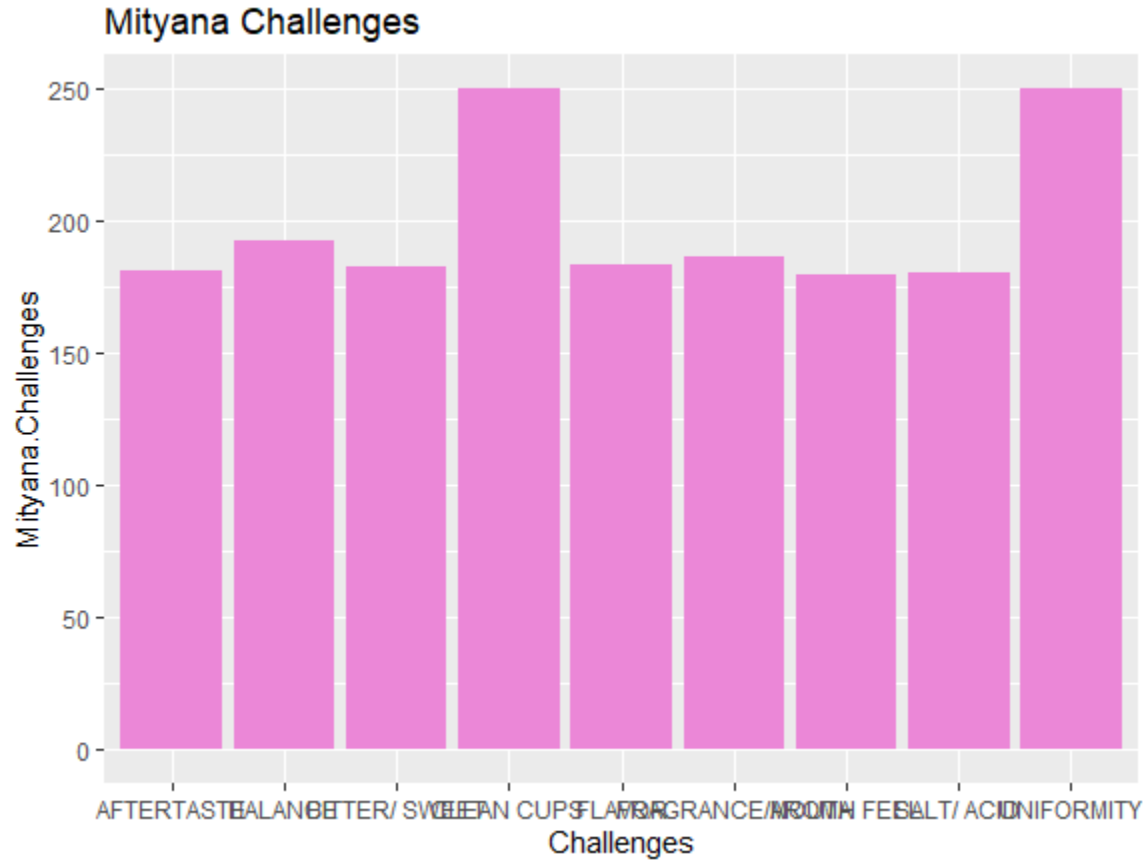
**EXAMINING ALL THE PROVIDED COFFEE CHALLENGES IN IBANDA DISTRICT**

Challenges	Ibanda.Challenges
FRAGRANCE/AROMA	187.00
FLAVOR	184.25
SALT/ ACID	177.75
BITTER/ SWEET	180.00
AFTERTASTE	179.25
MOUTH FEEL	178.75
BALANCE	182.00
UNIFORMITY	240.00
CLEAN CUPS	240.00



**EXAMINING ALL THE PROVIDED COFFEE CHALLENGES IN MITYANA DISTRICT**

Challenges	Mityana.Challenges
FRAGRANCE/AROMA	186.25
FLAVOR	183.25
SALT/ ACID	180.50
BITTER/ SWEET	182.25
AFTERTASTE	180.75
MOUTH FEEL	179.10
BALANCE	192.00
UNIFORMITY	250.00
CLEAN CUPS	250.00



**THE DOMINANCY OF THE DIFFERENT VARIETIES IN ALL THE ORIGNS**

VARIETIES	Varieties.Overall_varieties
KRE3	112.50
KRE4	116.25
KRE5	110.25
KRE6	112.31
KRE7	111.60

