

2014 INDIA EDITION

DEVOPS SKILLS SURVEY

BY INITCRON

A full-page background image showing a wildfire at night. Bright orange and yellow flames are visible through the dark silhouettes of trees. In the lower foreground, two deer are standing on a path, looking towards the fire.

THE TERM

DEVOPS

IS

CATCHING UP LIKE A

— WILDFIRE —

IN THE LAST FEW YEARS

THERE IS
GROWING INTEREST
TO BECOME A

DEV
OPS
PRO

The background consists of numerous overlapping white rectangular papers, some slightly tilted, creating a layered effect. Faint, light gray question marks are scattered across the papers and the background.

THE REAL
QUESTION
IS



WHAT SKILLS

DO I NEED?

TO BE ONE

THIS
SURVEY

IS AN ATTEMPT TO FIND

ANSWER

TO THAT

HOW ?

WE COLLECTED
INFORMATION

AVAILABLE IN PUBLIC DOMAIN

AND

ANALYSED

WHAT

COMPANIES ARE LOOKING FOR

IN A

DEVOPS PRO

JOB POSTINGS

GOOGLE TRENDS

We thought the simplest and the best way to find out what companies are looking for is from their JOB POSTINGS

WHAT SOURCES ?

RESULTS ?

HOW
“devops”

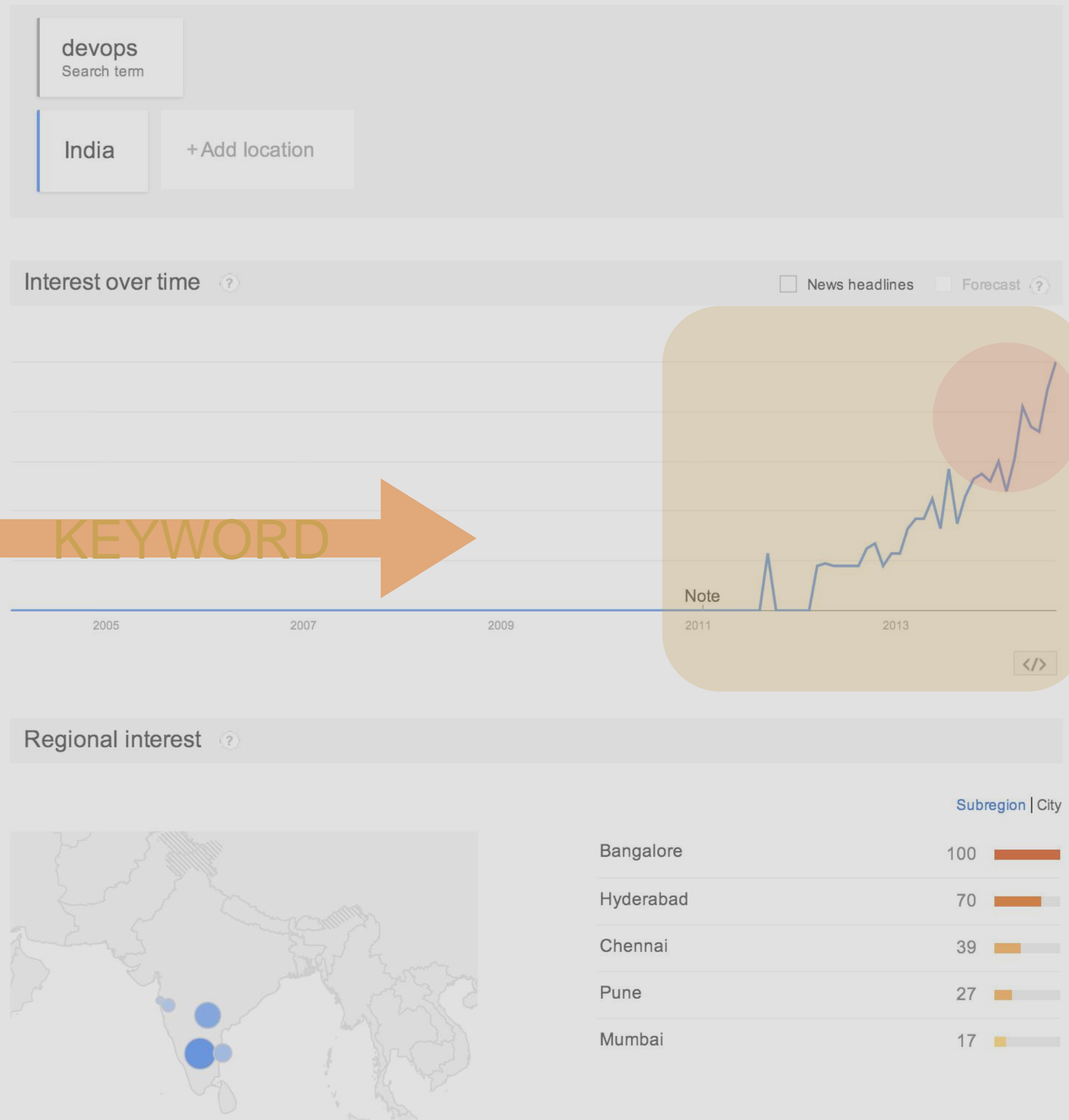
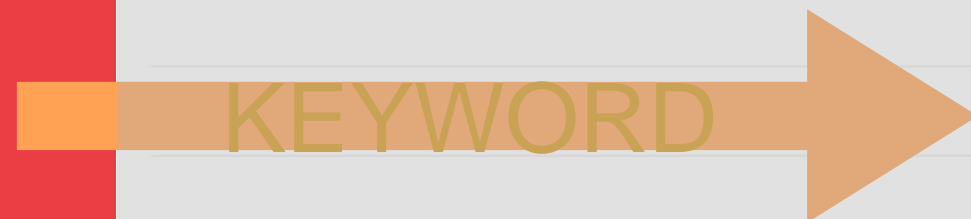
KEYWORD

TRENDED

OVER TIME

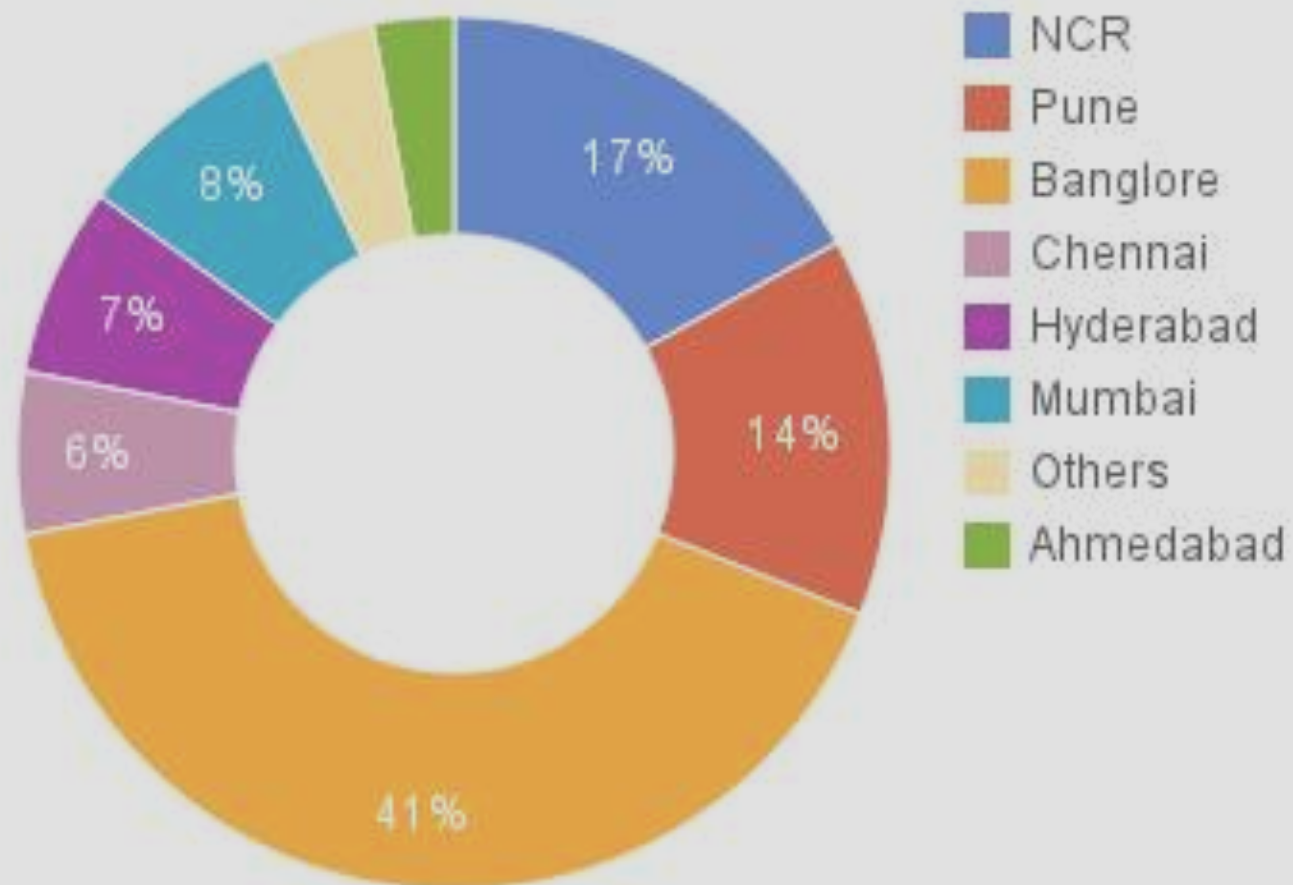
IN

INDIA

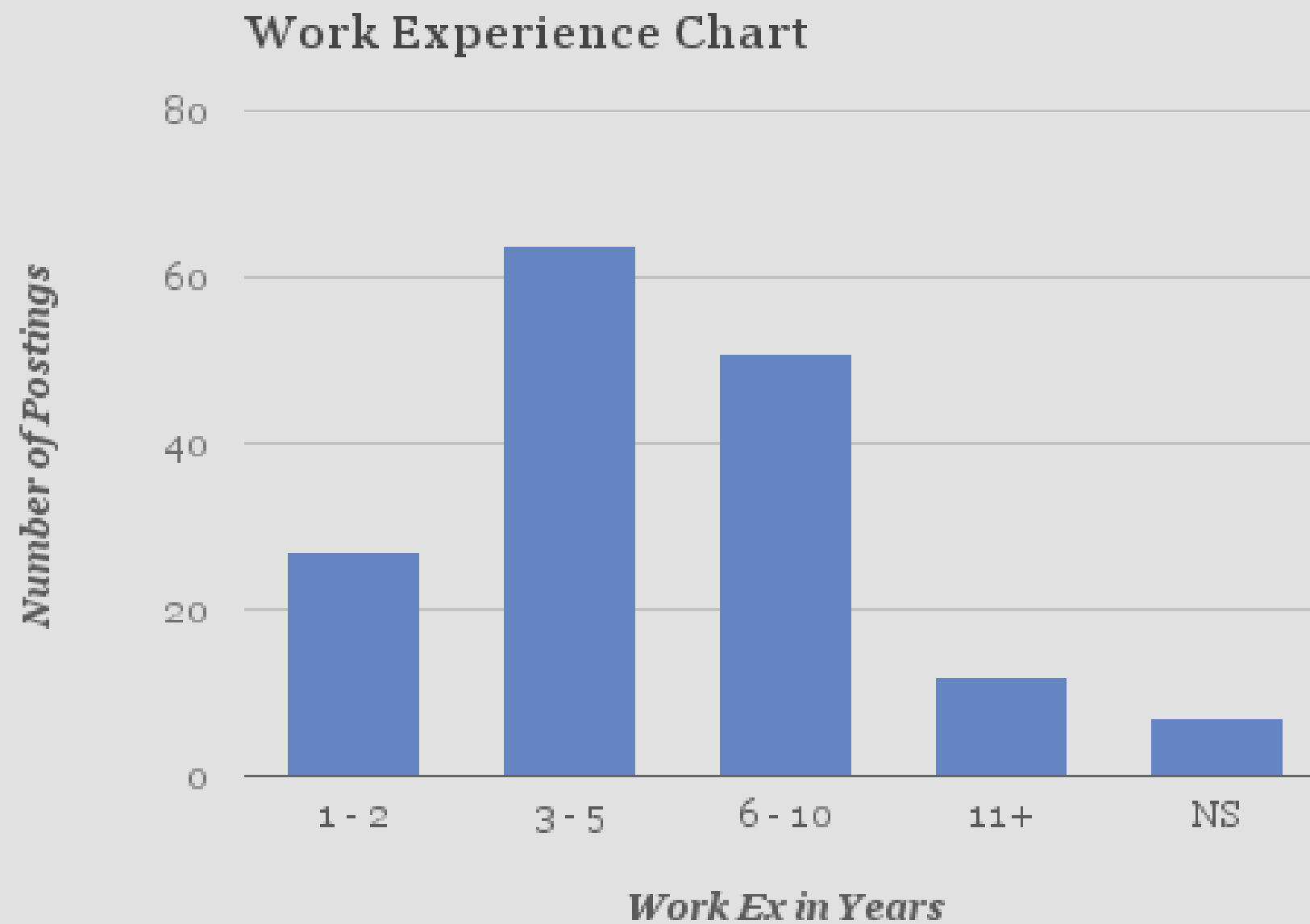


WHERE ?

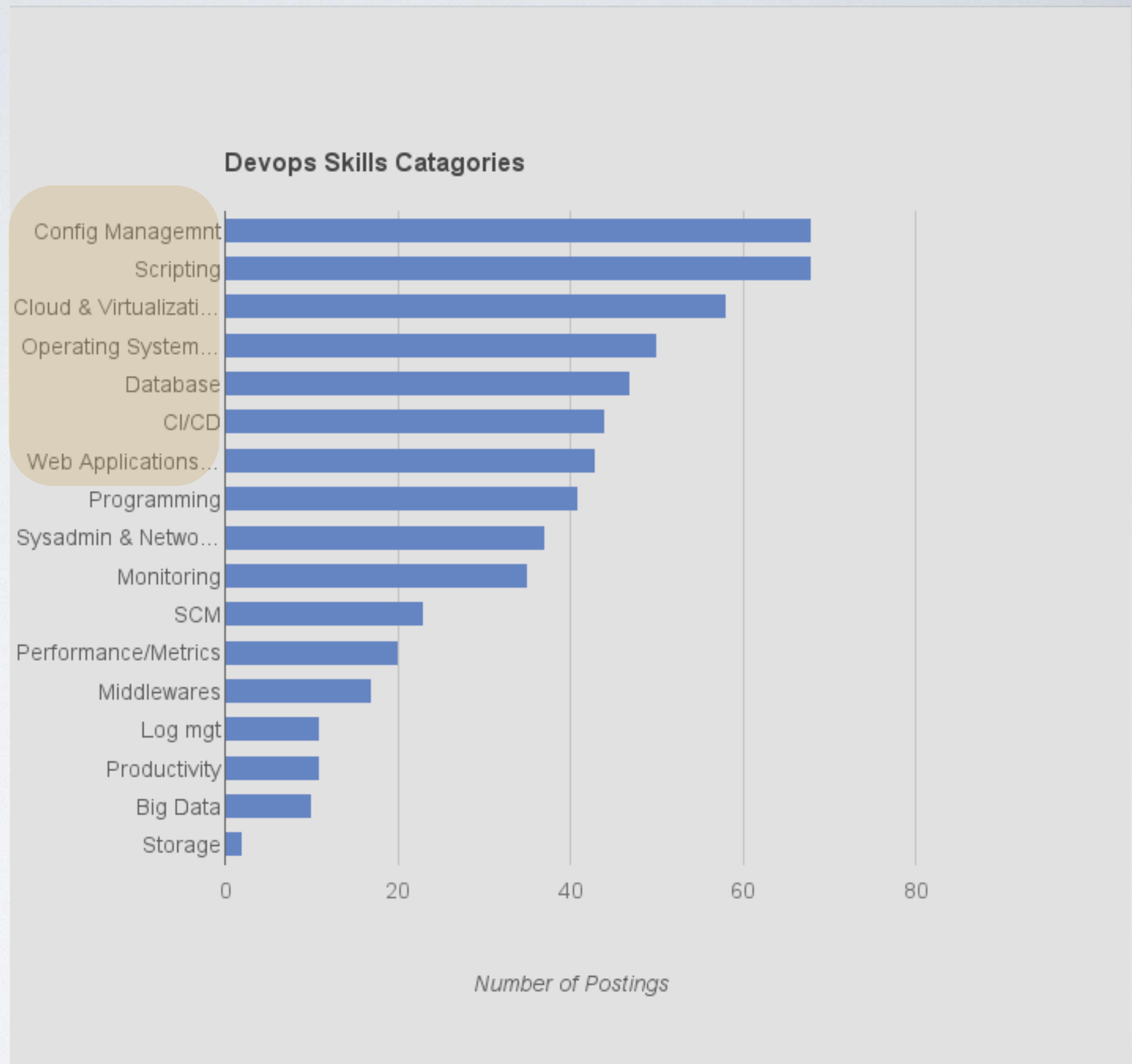
Top Cities with Devops Postings



EXPERIENCE LEVELS



TOP SKILLS



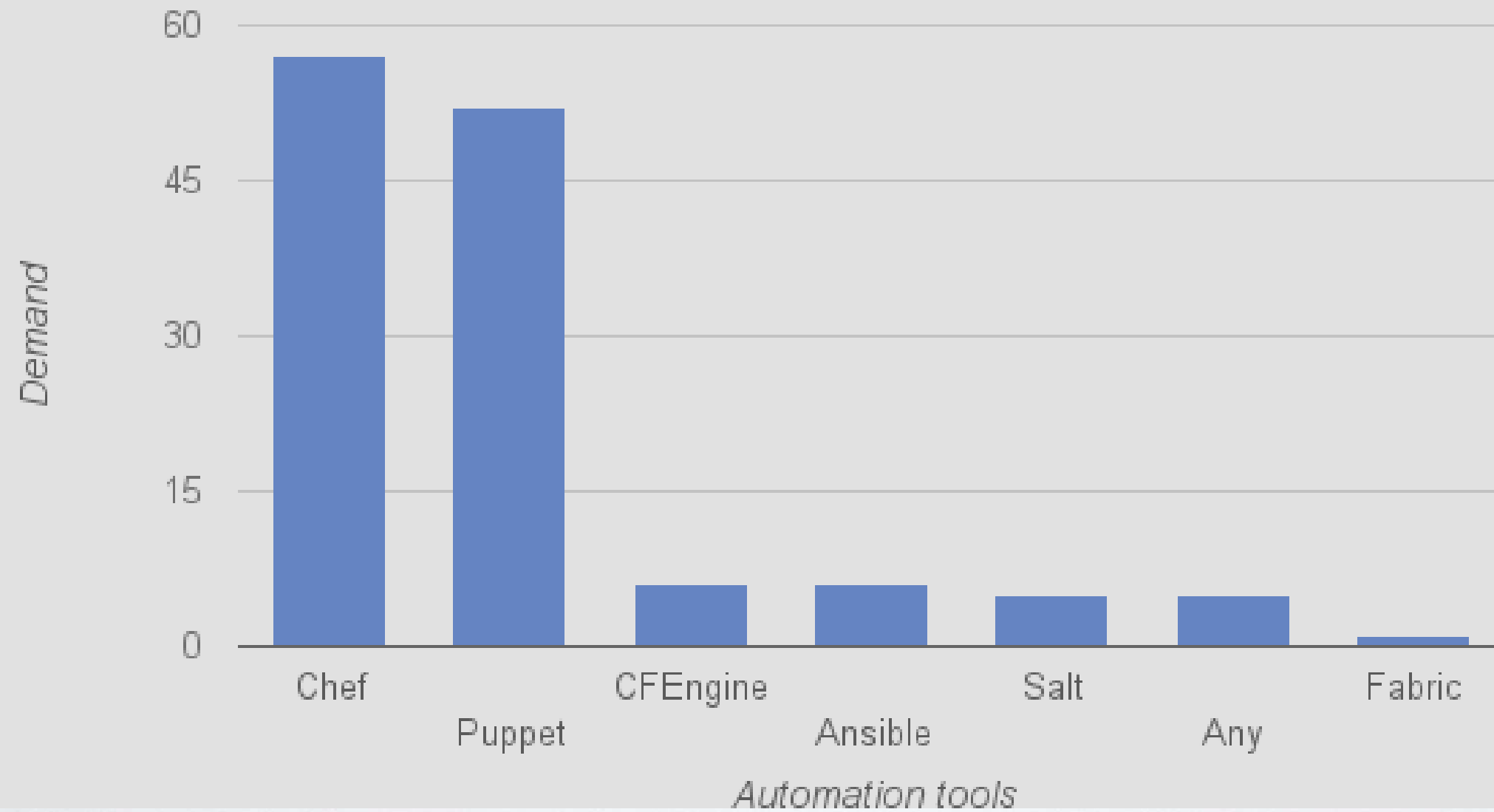
LETS

DRILL DOWN

INTO

TOP SKILL CATEGORIES

Configuration Management



MUST
LEARN

PUPPET or CHEF

FOR

CONFIGURATION MANAGEMENT

PICK UP ONE OF

ANSIBLE / SALTSTACK

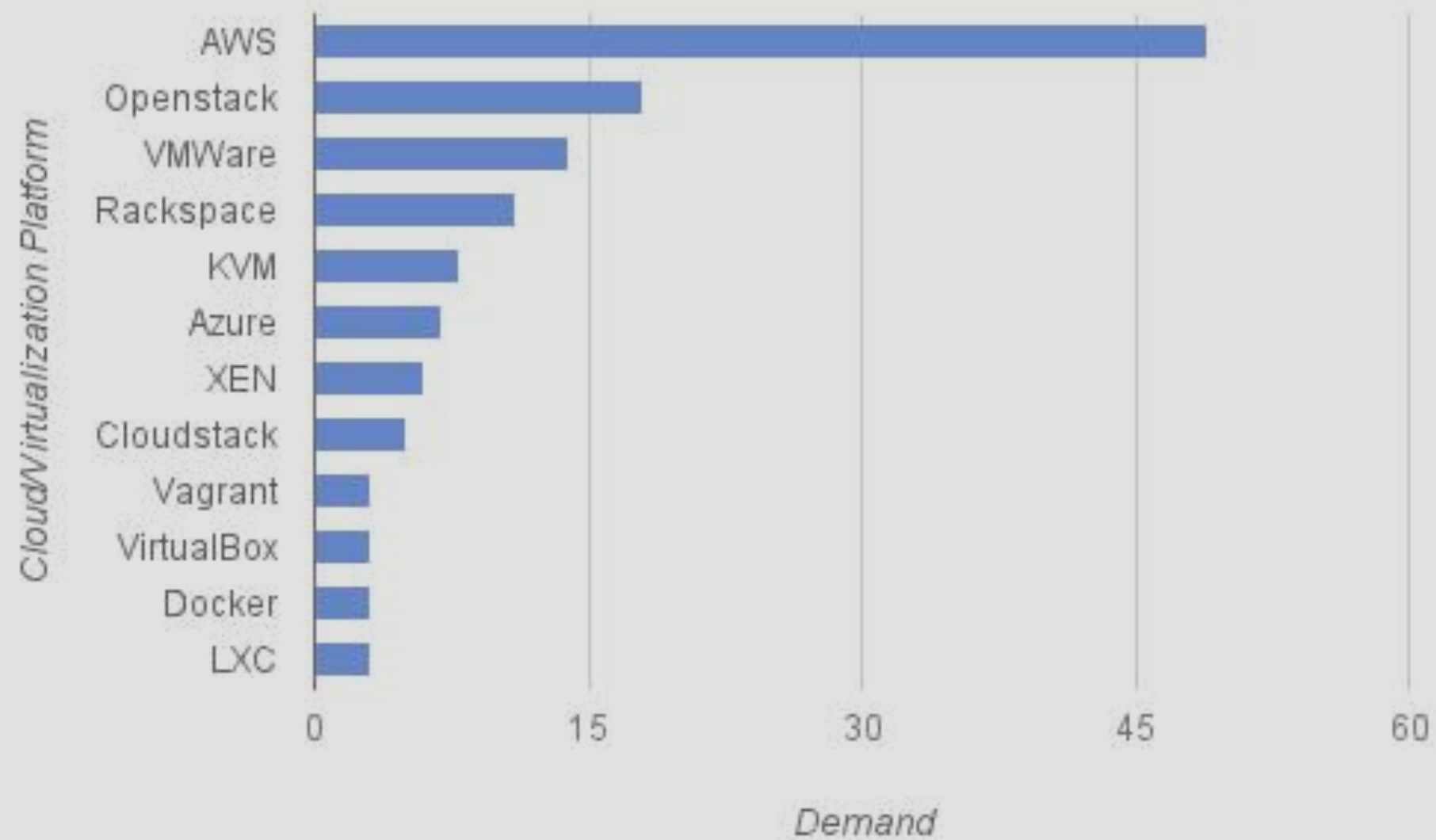
AS THOSE TOOLS ARE AWSOME TOO

AND MAY BECOME A

NORM IN FUTURE

RECOMMENDATION

Cloud/Virtualization skills



MUST
LEARN

AWS CLOUD

PRO TIP

DEFINITELY LEARN
DOCKER + VAGRANT

A LOT OF COMPANIES ARE
YET TO REALIZE THE POTENTIAL
OF THIS DUO

PICK UP ONE OF

PRIVATE CLOUD

PLATFORMS

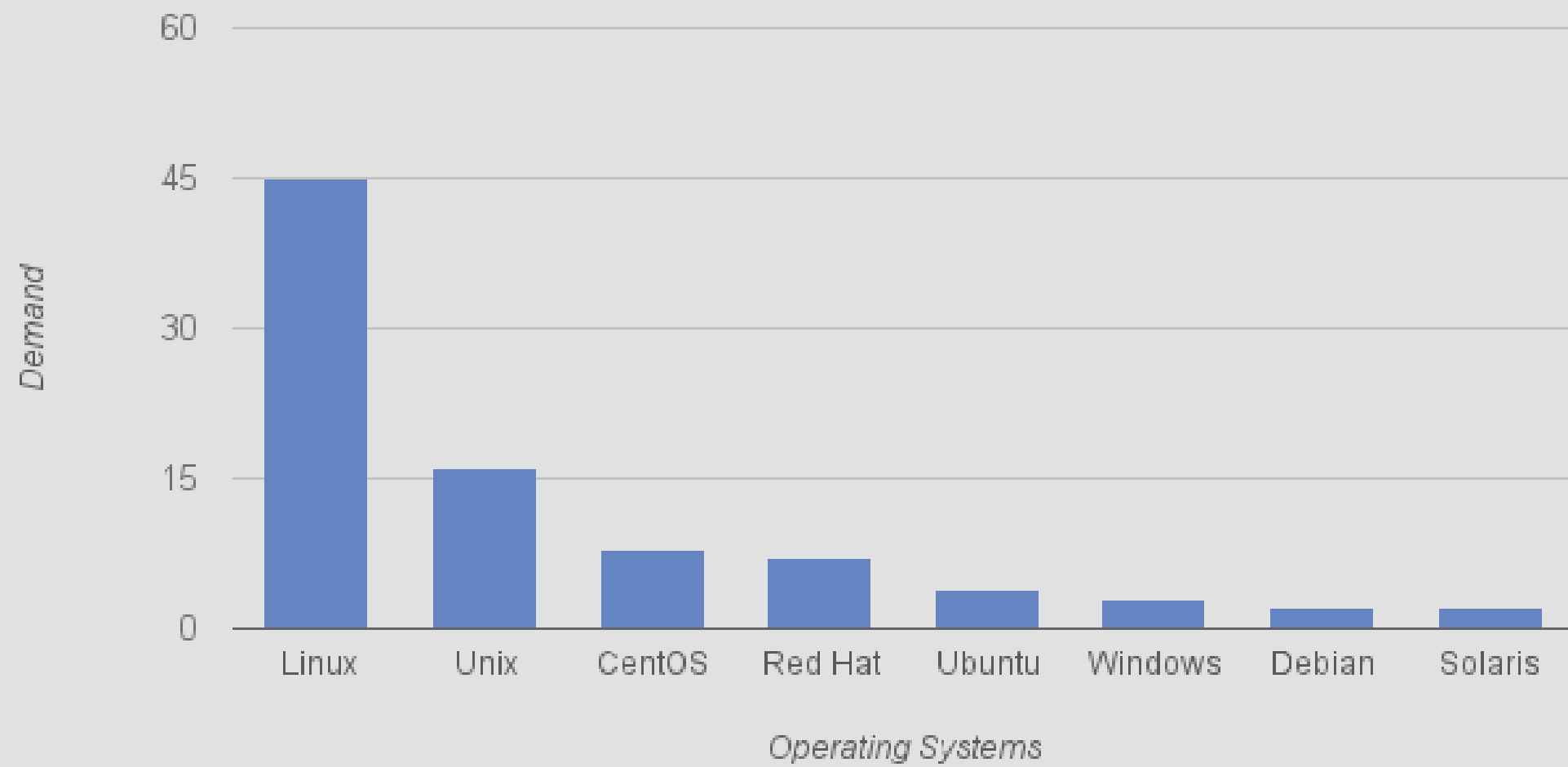
BASED ON WHATS HAPPENING

IN YOUR

ORGANIZATION

R
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C
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M
M
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D
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N

Operating System Keywords



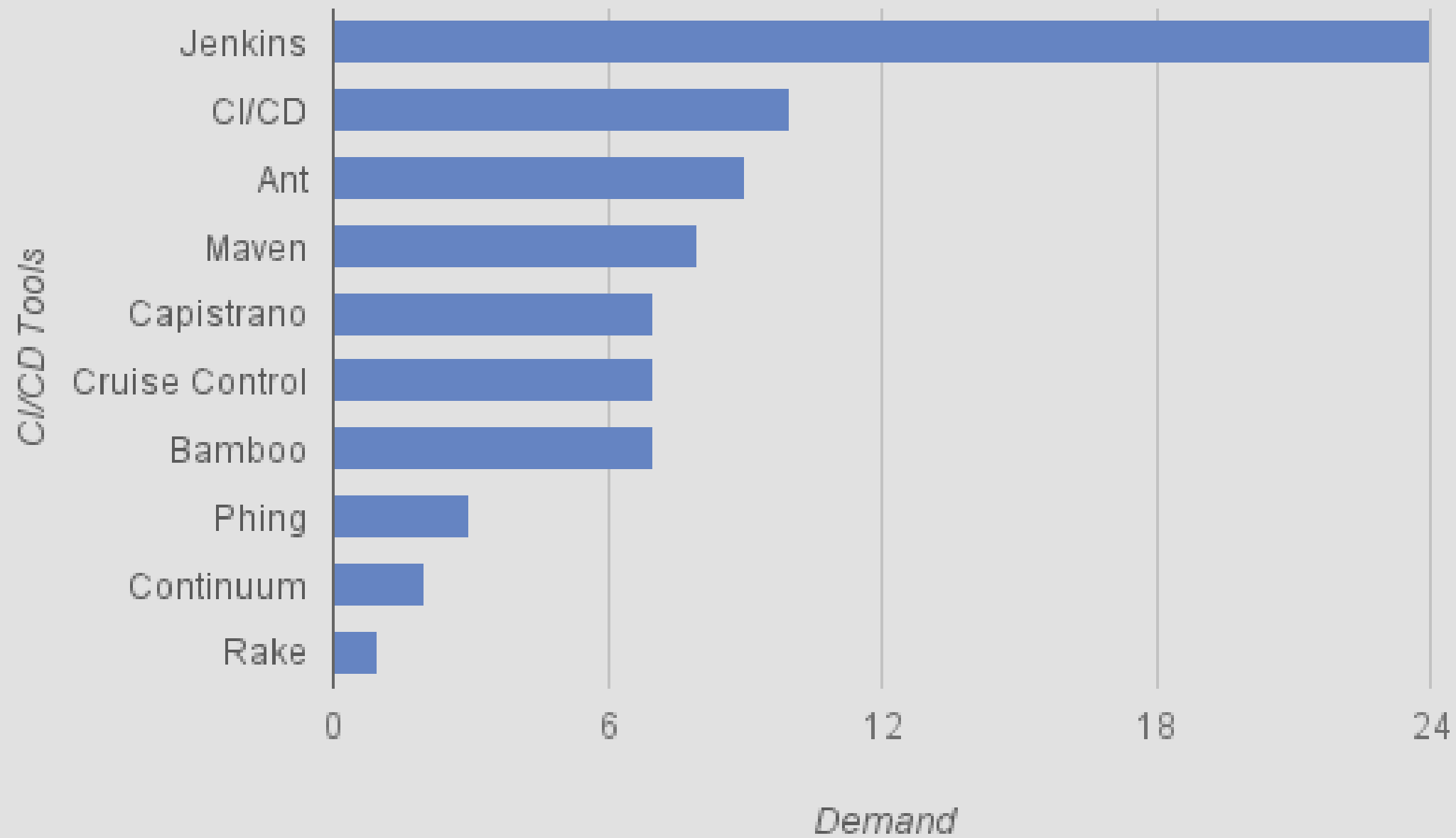
NO NEED FOR OPINIONS HERE !

JUST GO AHED AND

GET A CRASH COURSE ON

LINUX

CI/CD Skills



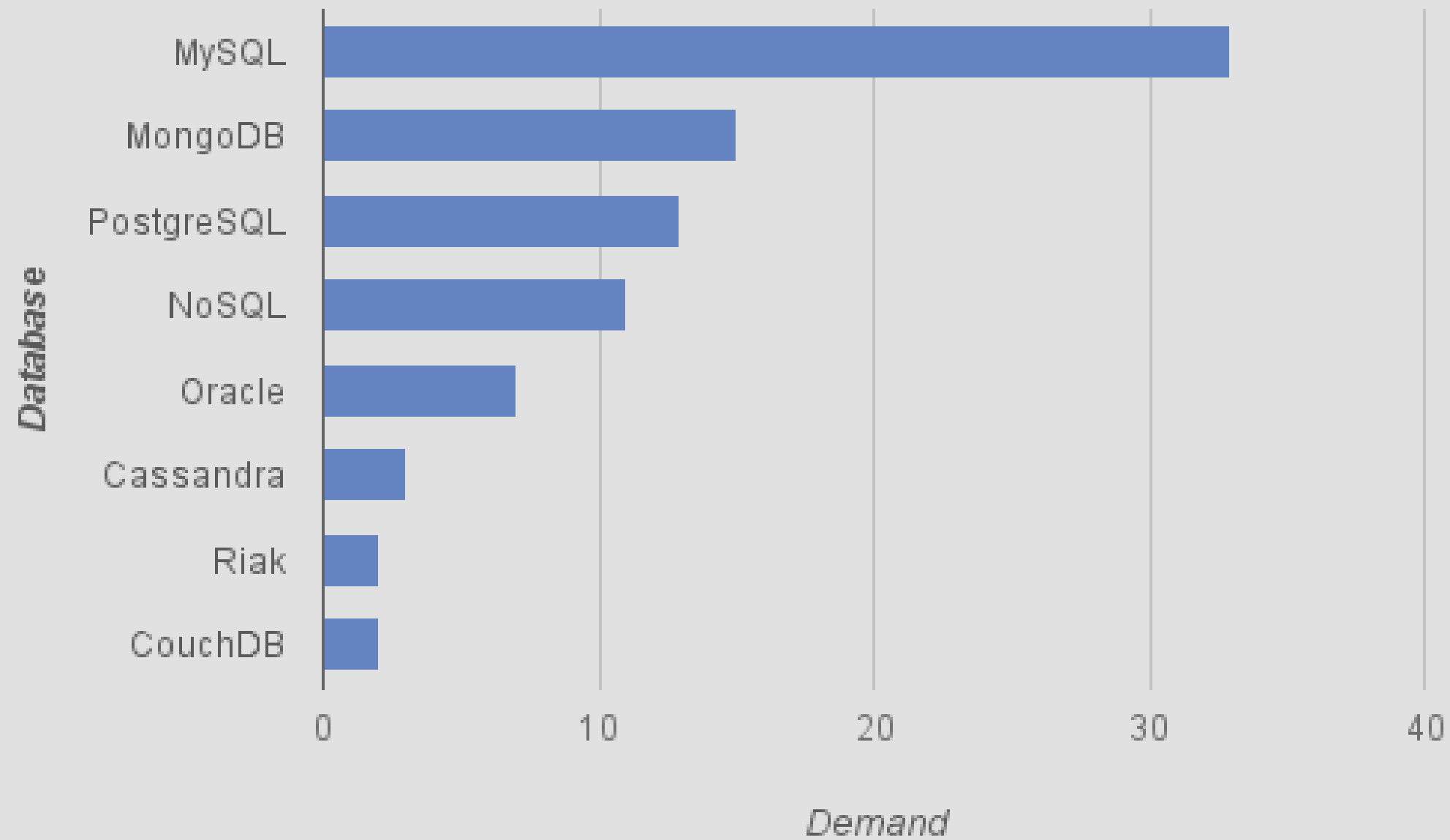
R
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JENKINS

+

CI TOOLS SPECIFIC TO YOUR ORGANIZATION

Database Chart



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MYSQL

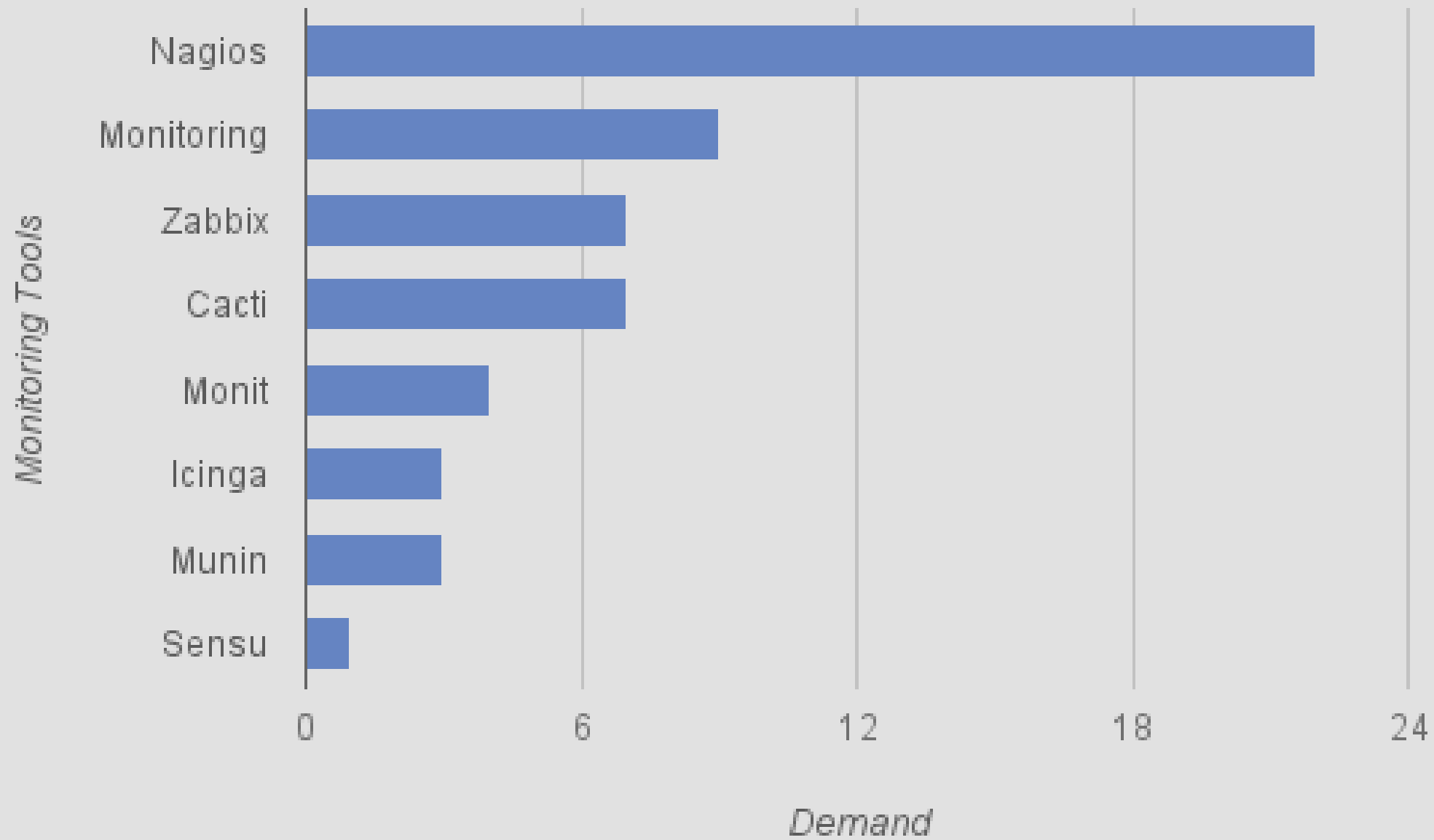
+

ONE OF THE

NOSQL

DB ADMIN

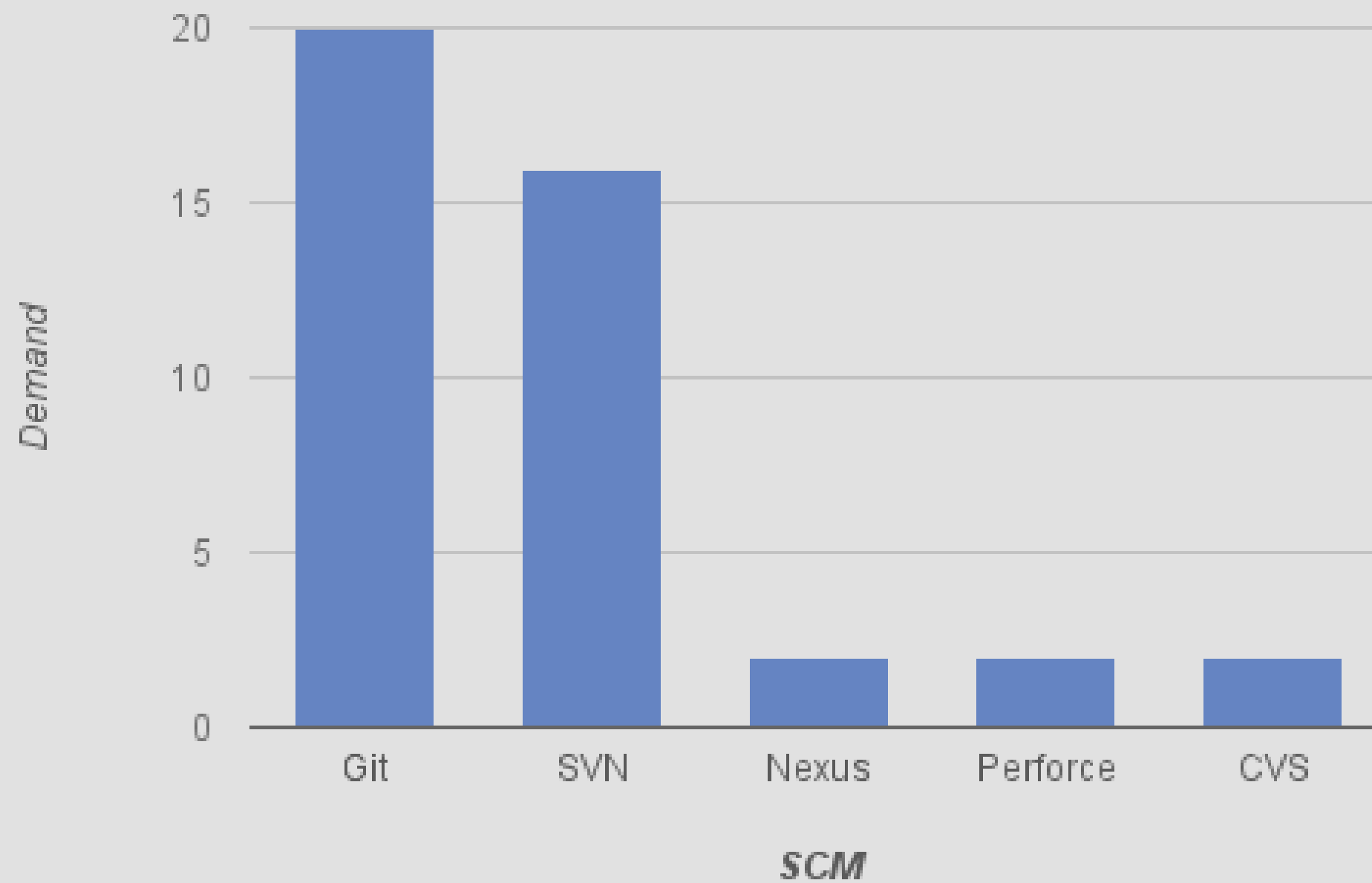
Monitoring Skills



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NAGIOS / ICINGA

Version Control



MUST
LEARN

GIT

THATS THE PRESENT

AND

THE FUTURE

OF VERSION CONTROL

AS FAR AS WE COULD SEE

YOU COULD HAVE A SINGLE

DEVOPS

RESOURCE

WHO WOULD MANAGE YOUR INFRASTRUCTURE

AS WELL AS DO

DEVELOPMENT

MYTH

WE WOULD NOT PUT

DEV | OPS

IN THE SAME BASKET

WE BELIEVE BOTH HAVE DIFFERENT

BUT COMPLEMENTARY

ROLES

REALITY

HOWEVER

DEV & OPS

CAN WORK TOGETHER

TO ACHIEVE COMMON

GOALS

DEV & OPS

AND
DEVOPS
TOOLS

PROVIDE WAYS

TO BRING DEV AND OPS

TOGETHER

DEVOPS

WE WOULD SPLIT

OPS

SKILLS

FROM WHAT IS REQUIRED

FOR DEV

TO LEARN

SPLIT

OPS ESSENTIALS

LINUX

PUPPET / CHEF

VAGRANT + DOCKER ADMIN

SCRIPTING

GIT

AWS_{SYSOPS / ARCHIECTURE}

MONITORING

DB ADMINISTRATION

TROUBLESHOOTING

OPS

ADDITIONAL

LOG ANALYSIS

RELEASE ENGINEERING

OPENSTACK

PERFORMANCE ANALYSIS

BIG DATA OPS

ANSIBLE/ SALTSTACK

PROVISIONING

DEV ESSENTIALS

PROGRAMMING

GIT

VAGRANT + DOCKER USAGE

JENKINS

SQL

TEST DRIVEN DEVELOPMENT

CLOUD LIBRARIES AND APIs

DEV

ADDITIONAL

NO SQL

BIG DATA

DEPLOYMENT TOOLS

ARTIFACTS MANAGEMENT

TAKEAWAYS

“A dedicated devops professional is a ops professional with knowledge on certain tools and practices ”

“Companies are also aligning existing dev teams to be devops oriented by training them on certain practices ”

WE ARE



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INITCRON
SYSTEMS

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