



UTKARSH MINDS

EMPOWER EDUCATE INNOVATE

# TWO-MONTH INTERNSHIP PROGRAM ON "PYTHON FOR STATISTICAL HYPOTHESIS TESTING.

WWW.UTKARSHMINDS.COM



Our Contact :

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## OUR VISION:

WE'RE ON A MISSION TO TRANSFORM EDUCATION THROUGH EXCITING AND EFFECTIVE TRAINING. SINCE 2012, WE'VE BEEN HELPING PEOPLE GAIN THE KNOWLEDGE AND SKILLS TO SUCCEED IN THEIR EDUCATIONAL AND PROFESSIONAL JOURNEYS.

## OUR MISSION:

AT UTKARSH, WE'RE PASSIONATE ABOUT LEARNING. WE'RE HERE TO CREATE A WELCOMING ENVIRONMENT WHERE EVERYONE CAN KEEP LEARNING AND GROWING. WHETHER YOU'RE A STUDENT, TEACHER, OR A PROFESSIONAL LOOKING TO IMPROVE, WE HAVE QUALITY TRAINING PROGRAMS FOR YOU.

## FROM THE DIRECTOR'S DESK

SINCE 2012, WITH THE LAUNCH OF OUR NEW TRAINING CENTER IN BORIVALI THAT SPECIALIZES IN DATA SCIENCE, FRENCH, AND ROBOTICS TRAINING, WE ARE DEDICATED TO PROVIDING HIGH-QUALITY AND CUTTING-EDGE EDUCATION IN THESE RAPIDLY GROWING FIELDS.

DATA SCIENCE IS A CRUCIAL SKILL IN TODAY'S DATA-DRIVEN WORLD, AND OUR COMPREHENSIVE COURSES WILL EQUIP YOU WITH THE KNOWLEDGE AND SKILLS TO EXCEL IN THIS FIELD. FROM DATA ANALYSIS TO MACHINE LEARNING, OUR EXPERIENCED INSTRUCTORS WILL GUIDE YOU THROUGH ALL ASPECTS OF DATA SCIENCE.

FRENCH IS NOT ONLY A BEAUTIFUL LANGUAGE BUT ALSO A VALUABLE ASSET IN THE GLOBAL JOB MARKET. WHETHER YOU ARE LOOKING TO IMPROVE YOUR LANGUAGE SKILLS FOR PERSONAL OR PROFESSIONAL GROWTH, OUR FRENCH COURSES WILL HELP YOU ACHIEVE FLUENCY AND CONFIDENCE IN THIS LANGUAGE.

ROBOTICS IS ANOTHER EXCITING FIELD THAT COMBINES ENGINEERING, COMPUTER SCIENCE, AND TECHNOLOGY. OUR ROBOTICS TRAINING PROGRAM WILL TEACH YOU HOW TO DESIGN AND BUILD ROBOTS, GIVING YOU HANDS-ON EXPERIENCE IN THIS INNOVATIVE FIELD



DR. PRANAV NERURKAR  
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**WISH YOU BEST IN YOUR LEARNING JOURNEY**

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## STATISTICS FOR PYTHON: TASKS

- APPLYING ONE SAMPLE HYPOTHESIS TESTS - BINOMIAL TEST, WILCOXON RANK TEST, STUDENT T-TEST AND CHI SQUARE TEST USING SCIPY, RESEARCHPY, STATSMODELS AND SKLEARN LIBRARYS ON STUDENT STATISTICS AND GENERAL STAT SURVEY DATASETS
- APPLYING TWO SAMPLE PAIRED AND UNPAIRED TESTS FOR FINDING IF PHENOMENON IS SIGNIFICANT IN THE SAMPLE
- FINDING WHICH FEATURE IS STATISTICALLY SIGNIFICANT AND WILL BE RETAINED FOR PREDICTION

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