

# **HOUSE PRICE PREDICTION USING PROPERTY FEATURES**



Data 200 – Applied Statistical  
Analysis  
**NSA**

# Member Of Group



**Amrit Adhikari**



**Sampanna Malla**



**Nikhil Chauhan**

# **WHAT IS THE PROJECT ALL ABOUT ?**

- Analyzes house prices using real-world data
- Studies impact of size, rooms, and location on price
- Applies Linear Regression and ANOVA
- Demonstrates a simple house price prediction model



# BACKGROUND

- Housing prices depend on multiple factors
- Property features influence market value
- Statistical analysis helps understand price patterns



# PROBLEM STATEMENT

- How do property features affect house prices?
- Focus on size, bedrooms, bathrooms, and location



# OBJECTIVES

- Analyze relationship between features and price
- Apply statistical techniques learned in class
- Develop predictive understanding using real data



# PROPOSED DATASET

- Public housing dataset (Kaggle / open source)
- Variables:
  - House size
  - Bedrooms & bathrooms
  - Location
  - House price



# **EXPECTED OUTCOME**

- Identify key price-influencing factors
- Gain practical statistical analysis experience
- Real-world data understanding





© 2010 DreamWorks Animation LLC

Thank you