Microsoft Power BI
Dashboard Demonstration

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ADMISSION DATA
ADMISSION YIELD and GAP DATA BY COLLEGE
ADMISSION and RECRUITMENT DATA, NEVADA
ADMISSION and RECRUITMENT DATA, CALIFORNIA

Admitted New Freshmen from California

- Average High School GPA: 3.45
- Admission Yield: 28.5%
- Average ACT: 23.88

Number of Admits by California County (mov...)

- Ethnicity/Race: Alaskan/Native Am, Asian, Black, Foreign, Hispanic, Multi-Ethnic/Race, Pacific Islanders, Unknown, White
- Scholarships: NVScholar, Other/None, Pack/Pride, Presidential, Tuition Status: FullTuitionOS, Local NV, NVAdvantage, WUE
- College: Agriculture (CABNR), Business, Education, Engineering, Health Sciences, Interdisciplinary, Journalism, Liberal Arts, Science

Number of Recruitment Type Contacts

- All: Emailed & Called, Email or Called, Not Contacted
- NV Bound Participant: N Y
- Recruitment Fair: N Y
- Preview Participant: N Y
- Onsite Admission: N Y
- Special Event Participant: N Y
- High School Visit: N Y
ADMISSION and ACADEMIC PREPARATION DATA, NEVADA COMMUTER
ADMISSION and ACADEMIC PREPARATION DATA, NEVADA CLARK/RURAL

Admitted New Freshmen from Clark County

- **Average High School %tile Rank**: 72.27
- **Admission Yield**: 40.08%
- **Average AP/IB Test Score**: 30.87
- **Percent of AP/IB Test Takers**: 2.76

**Average High School Core GPA**: 3.74
FRESHMEN PREPARATION, RETENTION, ACADEMIC EXPERIENCE

Fall 2015 New Full-Time First-Year Students

- Residency/Tuition Status:
  - WUE, 23.28%
  - OS, 10.37%
  - IS, 66.34%

- Fall Fall Retention % & SP Target %: 80.96%
- Academic Readiness:
  - English only
  - Math & English
  - Math only
  - Not Ready

- NV Fit Pgm:
  - No
  - Yes

- Housing Status:
  - Living & Learning C
  - No
  - Yes (Not LLC)

- College Ready % (x100):
  - 0.72

- First-Generation %: 42.13%

- Key Metrics: UNR GPA, Credit Loads, and HS Preparation:
  - Average of Freshman Year:
    - Pell Students: 2.95
    - Full-Time Work: 3.02
    - No Work: 15.59
  - Average of Senior Year:
    - Pell Students: 15.25
    - Full-Time Work: 14.90
    - No Work: 0.35
  - Average of College GPA:
    - Pell Students: 0.40
    - Full-Time Work: 23.57
    - No Work: 3.57
  - Average of Core Courses:
    - Pell Students: 74.44
    - Full-Time Work: 0.74
    - No Work: 0.91
UNDERGRADUATE STUDENT PROFILE BY CLASS LEVEL
UNDERGRADUATE RETENTION BY CLASS LEVEL
GRADUATION RATE PIPELINE

Fall 2010 New Full-Time Freshmen Cohort Enrollment Tracking:

4-Year Grad Rate %: 22.53
6-Year Grad Rate %: 54.08

College/School  Department  Degree Program  Residency Status  High School  ACT Composite  Gender

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
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<tr>
<td>Year 4</td>
<td>Year 5</td>
<td>Year 6</td>
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COLLEGE ENROLLMENT FLOW DATA, YEAR 1 TO YEAR 2
Predicting New Full-Time Freshman Persistence

Probability % of Spring Semester Persistence

74.25

High School Core GPA is:
- 0.01
- 0.02
- 0.03
- 0.04
- 0.05
- 0.06
- 0.07

Expected/actual Midterm GPA is:
- 0.01
- 0.02
- 0.03
- 0.04
- 0.05
- 0.06
- 0.07

ESTIMATION METHOD for SECOND SEMESTER PERSISTENCE

The predicted probability is based on a generalized linear model with a binomial distribution and logit link function. Parameter estimates for each predictor use both the Fisher and Newton-Raphson scoring methods to achieve maximum-likelihood estimation. Using 15,420 historical student cases, the model achieved a 87% correction classification rate for dropout students in the holdout cohort. The ten displayed input parameters offered the most parsimonious and balanced estimation solution.
Predicting New Full-Time Freshmen Persistence

Probability % of Fall-to-Fall Semester Persistence

62.21

Student has loan aid
No  Yes

Student is a Nevada resident from Clark or rural county
No  Yes

Student is an out-of-state resident with no tuition discount (WUE, NV Adv)
No  Yes

Student is part of a Living-and-Learning Community
No  Yes

Your expected/actual Midterm GPA is:
- 0.01
- 0.02
- 0.03
- 0.04
- 0.05
- 0.06
- 0.07

Student is...
Female  Male

Mother has a Bachelor Degree
No  Yes

Plan to work full-time while in college?
No  Yes

Annual family income is less than $40,000
No  Yes

ESTIMATION METHOD for THIRD SEMESTER PERSISTENCE

The predicted probability is based on a generalized linear model with a binomial distribution and logit link function. Parameter estimates for each predictor use both the Fisher and Newton-Raphson scoring methods to achieve maximum-likelihood estimation. Using 12,738 historical student cases, the model achieved a 85% correction classification rate with the training data cohorts. The ten displayed input parameters offered the most parsimonious and balanced estimation solution.
BENCHMARKING FRESHMEN RETENTION
BENCHMARKING SIX-YEAR GRADUATION RATE