

HR Analytics Project Ideas

Reference Document





You may be a HR Leader or a HR enthusiast, here's a ready reckoner for you.

You may or may not be an expert in HR Analytics tools. But remember, HR Analytics projects are business projects and not technical research projects. So, a HR analytics project is aimed to provide additional value to stakeholders from HR and Business. Hence it follows a logical approach to the problem or opportunity on hand. It is not a study or thesis work. To identify suitable HR Analytics projects, you can use the below cheat sheet that contains nearly 45 project ideas.

Thank You,

Nilakantasrinivasan, Author of book "HR Analytics Online Course"







Talent Acquisition

- 1. Improve Time to fill open positions
- 2. Reduce Cost per hire
- 3. Improve Time to productivity of new hires
- 4. Increase Conversion rate(or reduce drop out) of recruitment (Offer to Join)
- 5. Find effective sourcing channels for different positions (build vs. buy)
- 6. Find the what employee parameters impact performance using profiling
- 7. Find out factors impacting recruiter productivity
- 8. Identify and eliminate bias in recruitment process (gender, race, etc)
- 9. Increase participation in employee referrals
- 10. Reduce unfilled critical positions to zero
- 11. Identification of suitable Recruitment Metrics (Lag & Lead) and dashboard redesign





Performance Management

- 12. Improve the workforce productivity using analytics
- 13. Improve Internal and External Compa ratio parity
- 14. Parity and bias in Performance levels in the organization, function, levels etc.
- 15. Prediction of Performance Rating
- 16. Recommendations on Employee Promotions Policy based employee performance, engagement and retention and factors impacting it
- 17. Reduce spread or variation in Span of Control
- 18. Identification of suitable Performance Metrics (Lag & Lead) and dashboard redesign





HR Org Design, Reward and Recognition and Benefits

- 19. Reduce spread of Average comp/FTE
- 20. Recommendations on Employee Benefits Policy based employee benefits avail-ment and factors impacting it
- 21. Potential ROI on compensation & reward
- 22. Identify and eliminate bias in performance management process (gender, race, etc)
- 23. Identify and eliminate bias in C&B (gender, race, etc)
- 24. Identify and eliminate bias in promotion (gender, race, etc)
- 25. Identifying competency clusters for various roles based on statistical clustering
- 26. Identification of suitable Employee Engagement, Wellness, Diversity & Inclusion, R&R Metrics (Lag

& Lead) and dashboard redesign



Learning and Development



- 27. Reduce Training cost / FTE
- 28. Improving learning experience for different modes of learning
- 29. Identify the effectiveness learning modes (models) for suitable for different types of learning objectives (Type of intervention Vs Type of Competency)
- 30. Identify factors impacting training feedback and improvement in feedback score
- 31. Measure of change in Skill, Knowledge and behaviors (of Sales force)
- 32. Improve training effectiveness through Knowledge assessment pass rate Improvement
- 33. Establish a mechanism to measure ROI for suitable learning interventions
- 34. Reduce drop-off or incompletion rate in online training programs by identifying factors impacting it
- 35. Improvement of attention for class room interventions
- 36. Improve Learning Experience of participants
- 37. Improve knowledge retention rate after learning intervention
- 38. Learning design based data analytics
- 39. Prediction of Performance after learning intervention
- 40. Identification of suitable Learning Metrics (Lag & Lead) and dashboard redesign
- 41. Qualitative analysis of Employee Training Feedback



Talent Retention

- 42. Factors impacting employee attrition rate
- 43. Attrition of high performer, leadership, key positions etc
- 44. Identify factors impacting infant attrition
- 45. Reduce retirement risk
 - Increase retention of Hi-pots or Talent Pool
- 46. Identification of suitable Talent retention Metrics (Lag & Lead) and dashboard redesign

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