



JOB DESCRIPTION

JOB TITLE	Assistant Director - Research Associate
ENTITY	Moody's Analytics
LINE OF BUSINESS / DEPARTMENT	ERS Research & Modeling Services
LOCATION	San Francisco
REPORTING TO	
The Role / Responsibilities: <ul style="list-style-type: none">• Applying urban economic theory and spatial modeling technique to analyze geographic/demographic and financial data;• Estimating statistical relationships between locational attributes and specific spatial patterns in various metropolitan areas;• Conducting complex theoretical and empirical research on measurements of investment/credit risk in commercial real estate and other related financial assets;• Collaborating with economists, financial researchers and data analysts on research projects;• Providing research expertise to develop prototypes and support software development activities;• Present research findings to technical and non-technical audiences internally;• Partnering with clients in measuring and managing risks in their portfolios.	
Qualifications: <ul style="list-style-type: none">• Master's or Ph.D. in demography, geography, population research, real estate, regional studies, transportation, urban planning, or a closely related field;• Extensive experience with large datasets especially related to geographic information;• Expert-level proficiency with spatial analysis and GIS tools such as ArcGIS;• Proficiency with statistical analysis and programming tools such as R, SAS, or Matlab;• Knowledge in economic and/or financial modeling is a plus;• Willingness to learn advanced quantitative methods in real estate and finance;• Excellent written, oral, and presentation communication skills.	
EEO Language Moody's is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, protected veteran status or any other characteristic protected by law.	